



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

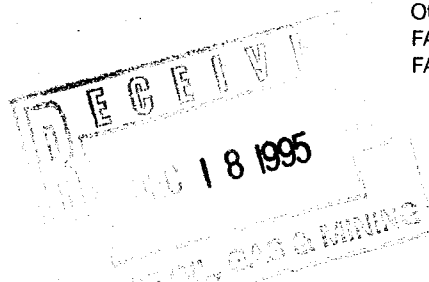
1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

December 14, 1995



-- VIA FEDERAL EXPRESS --

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

NW SE Section 6, T9S, R16E

1850'

1850' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 12 miles SW

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,150'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

GL 5867'

22. APPROX. DATE WORK WILL START\*

March 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Robbie Schuman*

TITLE

Regulatory and  
Environmental Specialist

DATE

*December 14, 1995*

(This space for Federal or State office use)

PERMIT NO.

*43-013-31589*

APPROVAL DATE

APPROVED BY

*JR Matthews*

TITLE

*Petroleum Engineer*

DATE

*1/15/96*

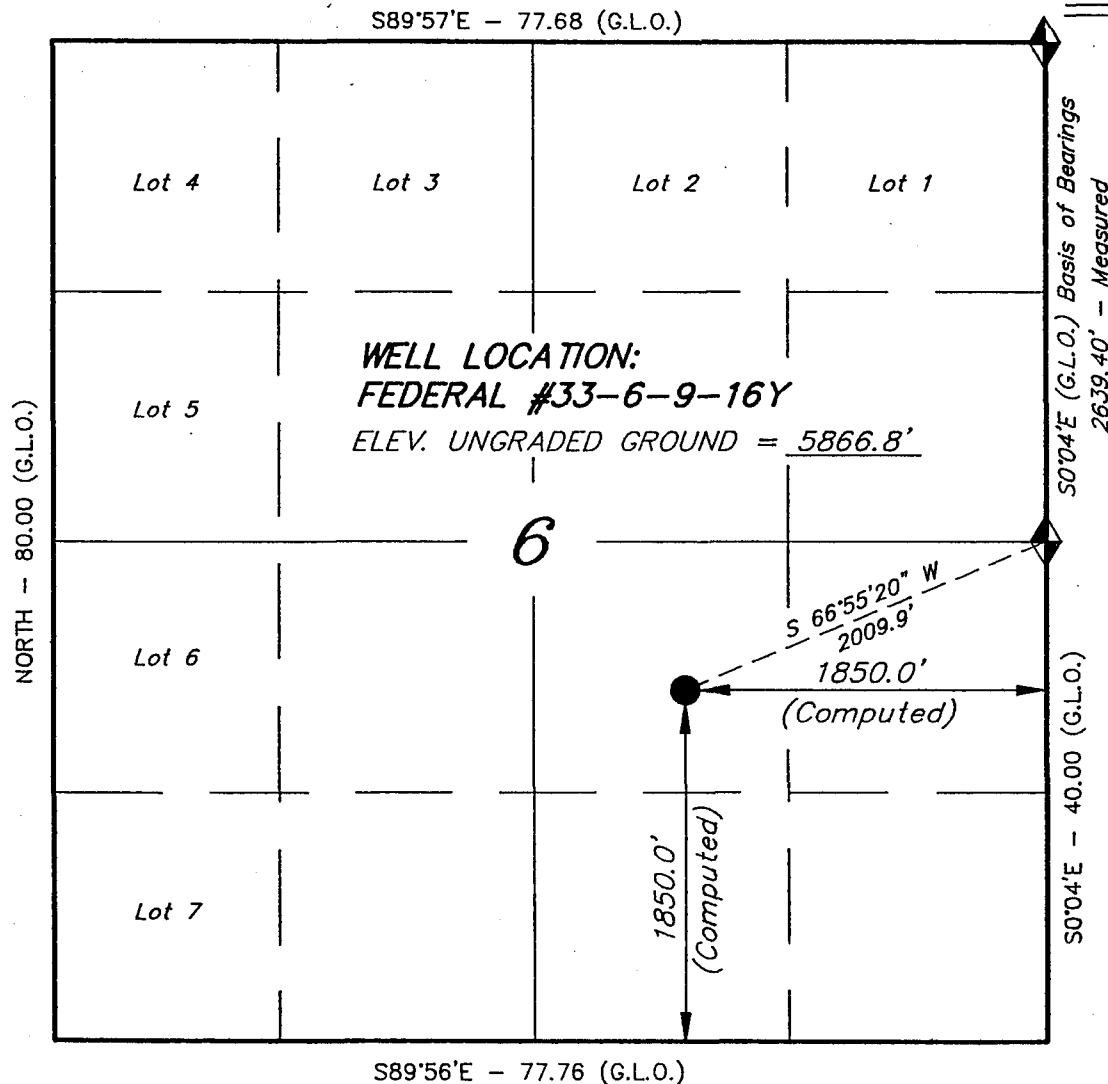
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



T9S, R16E, S.L.B.&amp;M.

EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, FEDERAL #33-6-9-16Y,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 6, T9S, R16E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION No. 10841024  
STATE OF UTAH

GENE STEWART

TRI STATE LAND SURVEYING &amp; CONSULTING

38 WEST 100 NORTH VERNAL, UTAH 84078

(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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DIV OF OIL, GAS & MINING

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*December 14, 1985*

(This space for Federal or State office use)

PERMIT NO.

*43-013-31589*

APPROVAL DATE

APPROVED BY

*JM Matthews*

TITLE

*Petroleum Engineer*

DATE

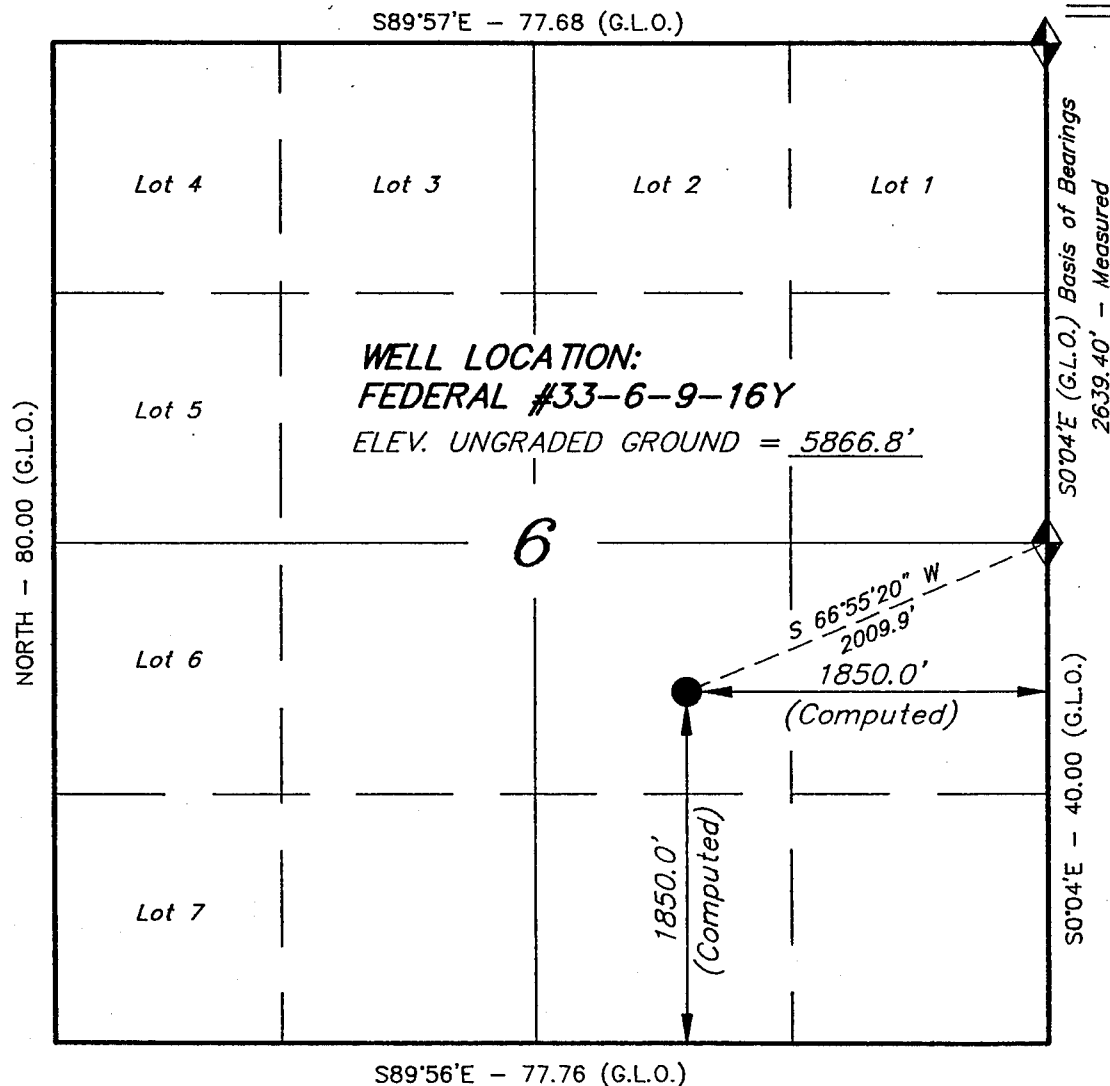
*4/15/96*

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

T9S, R16E, S.L.B.&amp;M.

EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, FEDERAL #33-6-9-16Y,  
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REGISTERED LAND SURVEYOR  
GENE STEWART  
REGISTRATION NO. 10241024  
STATE OF UTAH

TRI STATE LAND SURVEYING &amp; CONSULTING

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BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

## EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95  
/rs

# **CONFIDENTIAL**

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

Equitable Resources Energy Company,  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.



SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 1.7 miles to the intersection of Nine Mile Canyon Road. Stay right and continue 8.0 miles to a road intersection. Turn right and proceed 0.4 miles to proposed access road sign. Follow flags 500' to location.
- b. Existing roadway (2-track trail) will need to be upgraded for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 500' of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.
- e. Maximum grade: < 8%

- f. Turnouts: None
- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.

- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the North side of the location.

- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the East side at corners 6 and 7.
- h. Access to the wellpad will be from the East between corners 7 and 8.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
  - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
  - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.

- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

[illegible]

Dale Griffin, Operations Supervisor    Mobile: (801) 828-7291  
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 14, 1995  
Date

Bobbie Schuman  
Bobbie Schuman  
Regulatory and Environmental  
Specialist  
Equitable Resources Energy  
Company, Balcron Oil Division

# Baicon Oil Well Prognosis

EXHIBIT "C"

Well Name	MONUMENT FEDERAL #33-6-9-16Y		Exploratory		Control Well	FED. 32-6-G
Location	NW/SE SECTION 6-T9S-R16E (1850' FSL,		Development	X	Operator	PG & E
County	DUCHESNE 1850' FEL)		Field	MON. BUTTE	KB	5898
State	UTAH		Section	NW/SE 6	Section	SW/NE 6
Total Depth	6150		Township	9S	Township	9S
GL (Ung)	5867	EST. KB 5966	Range	16E	Range	16E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	5966							
GREEN RIVER	1801	4165			4115			
HORSE BENCH SS	2403	3563			3513			
2ND GARDEN GULCH	4118	1848			1798			
Y-2 (PAY)	4407	1559			1509			
Y-3 (PAY)	4446	1520			1470			
Y-5 (PAY)	4669	1297			1247			
YELLOW MARKER	4753	1213			1163			
DOUGLAS CREEK	4900	1066			1016			
R-5 (PAY)	5108	858			808			
2ND DOUGLAS CREEK	5143	823			773			
GREEN MARKER	5279	687			637			
G-3 (PAY)	5339	627			577			
G-6 (PAY)	5578	388			338			
CARBONATE MARKER	5808	158			108			
B-1 (PAY)	5822	144			94			
B-4 (PAY)	6141	-175			-225			
TD	6150							

<b>Samples</b>	<b>DST,s</b>	<b>Wellsite Geologist</b>
50' FROM 1750' TO 4150'	DST #1	Name:
20' FROM 4150' TO TD	DST #2	From: to:
5' THROUGH EXPECTED PAY	DST #3	Address:
5' THROUGH DRILLING BREAKS	DST #4	Phone #
		wk.
		hm.
		Fax #

<b>Logs</b>	<b>Cores</b>	<b>Mud Logger/Hot Wire</b>
DLL FROM SURF CSNG TO TD	Core #1	Company:
LDT/CNL FROM 3900' TO TD	Core #2	Required: (Yes/No) YES
	Core #3	Type: 2 MAN
	Core #4	Logger:
		Phone #
		Fax #

<b>Comments:</b>	<b>Report To:</b>	<b>Phone #</b>	<b>wk.</b>	<b>hm.</b>
	1st Name: DAVE BICKERSTAFF	(406)259-7860	(406)245-2261	
	2nd Name: KEVEN REINSCHMIDT	(406)259-7860	(406)248-7026	
	<b>Prepared By:</b> DAVE BICKERSTAFF			
	11/15/95			





EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

EXHIBIT "D"  
Page 1 of 2

## DRILLING PROGRAM

WELL NAME: Monument Federal #33-6-9-16Y  
PROSPECT/FIELD: Monument Butte  
LOCATION: NW/SE Section 16 Twn.9S Rge.16E  
COUNTY: Duchesne  
STATE: Utah

DATE: 12-11-95

TOTAL DEPTH: 6150'

### HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 6150'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6150'	5 1/2"	15.50	K55

### CEMENT PROGRAM

Surface Casing 150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele.  
(Cement will be circulated to surface.)

Production Casing 250 sacks Thrifty Lite and 400 sacks 50-50 Poz.  
(Actual cement volumes will be calculated from caliper log with cement top at 2000')

### PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

### COMMENTS

1.) No cores or tests are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 33-6-9-16Y
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 2260 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Body Yield : 1.50 (B)  
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,150	5-1/2"	15.50	K-55	ST&C	6,150	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2875	4040	1.405	2875	4810	1.67	95.33	222 2.33 J

Prepared by : McCoskery, Billings, MT

Date : 11-30-1995

Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,875 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

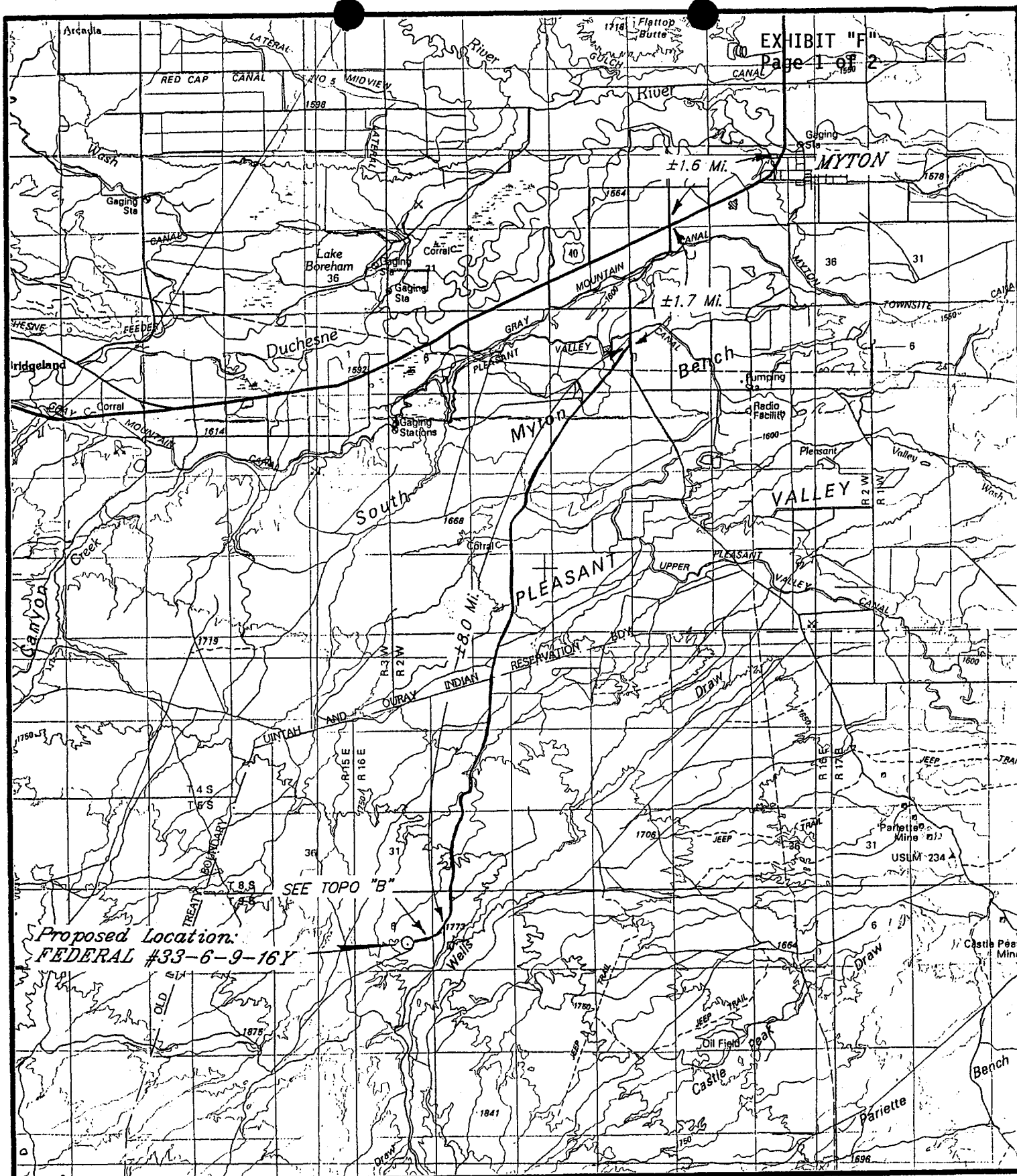
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

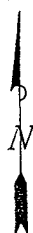
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
Revised 12/7/93  
/rs

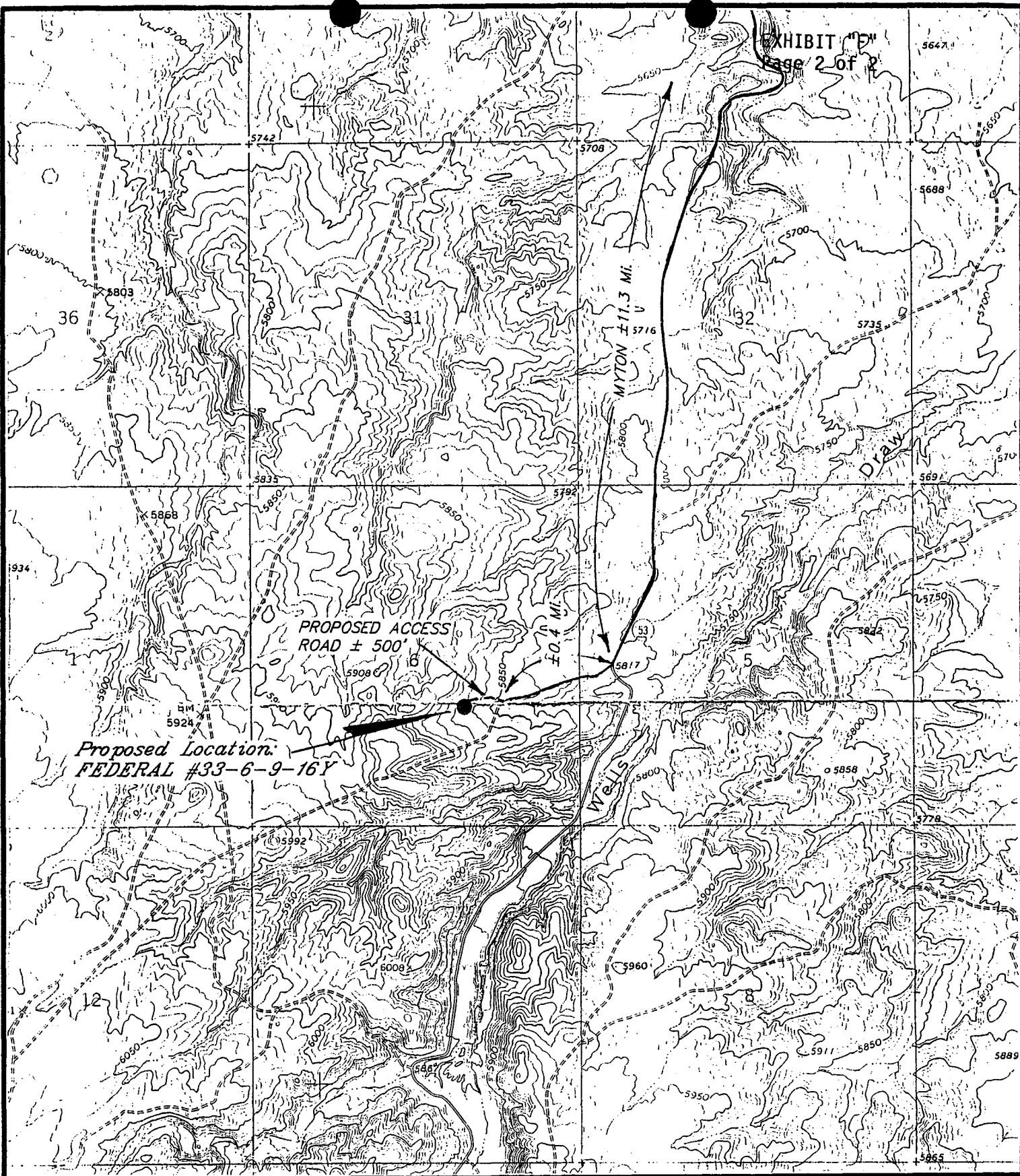


**EQUITABLE RESOURCES CO.**

FEDERAL #33-6-9-16Y  
SEC. 6, T9S, R16E, S.L.B.&M.  
TOPO "A"

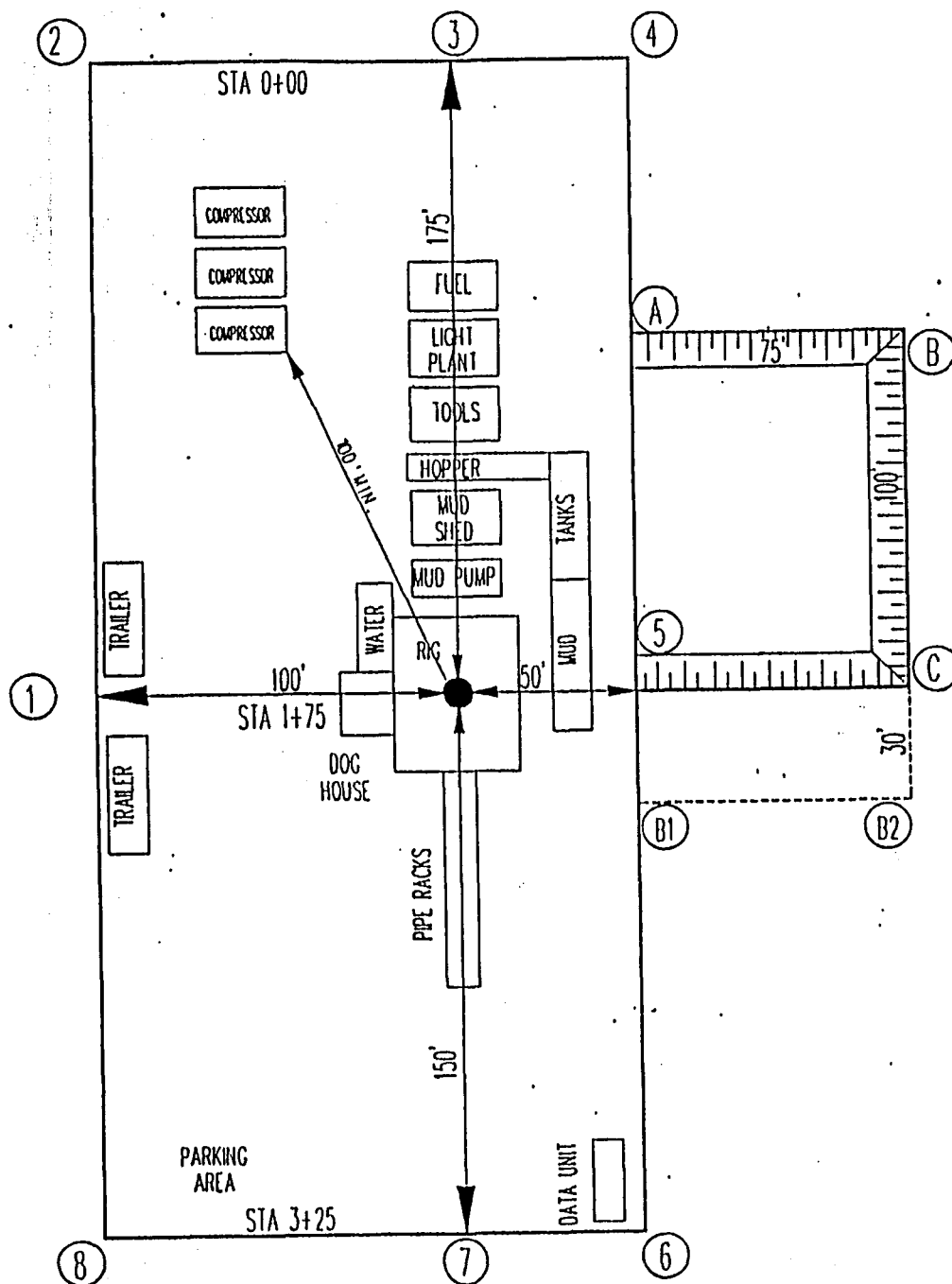


**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



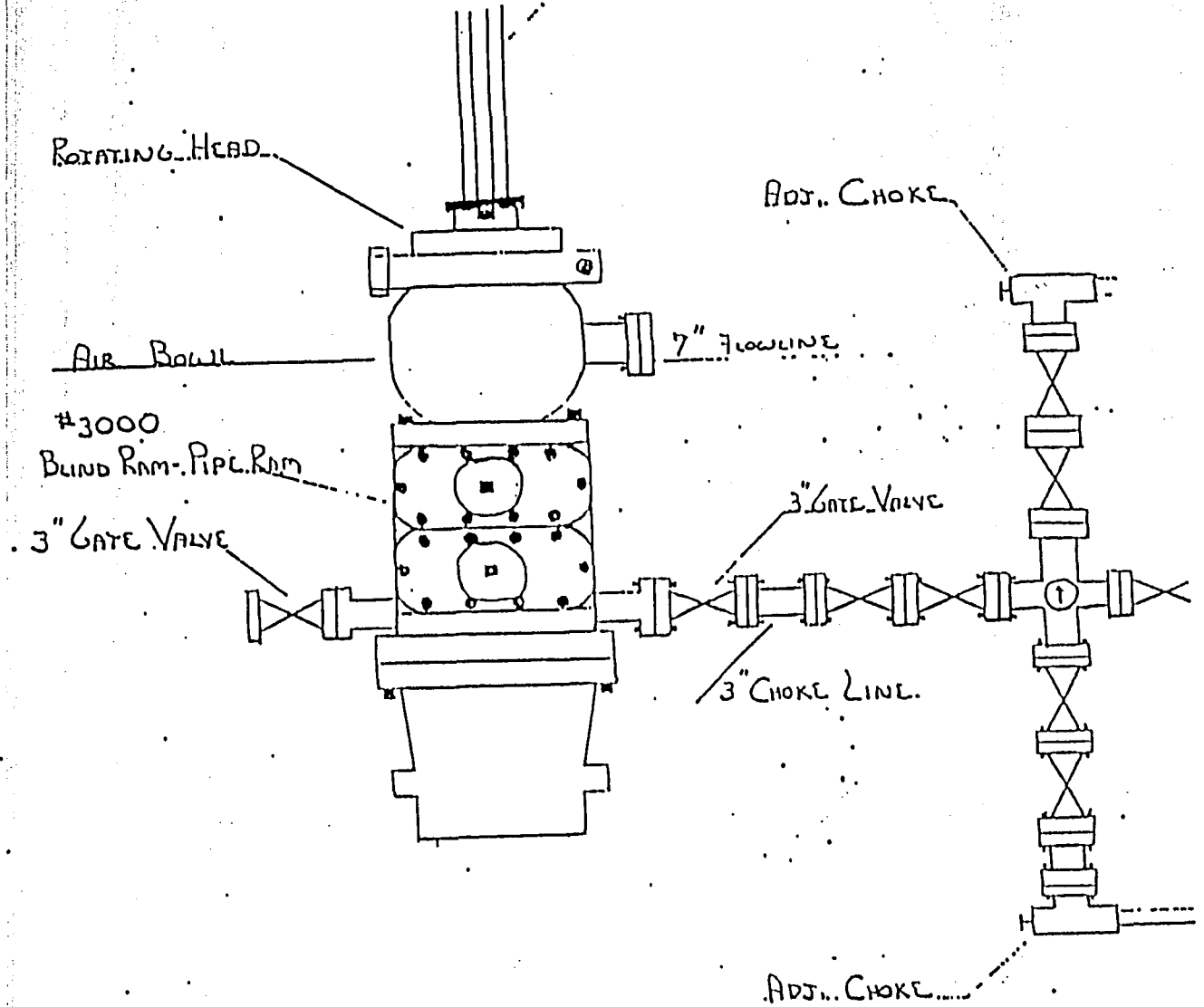
# EQUITABLE RESOURCES ENERGY CO.

## WELLSITE LAYOUT

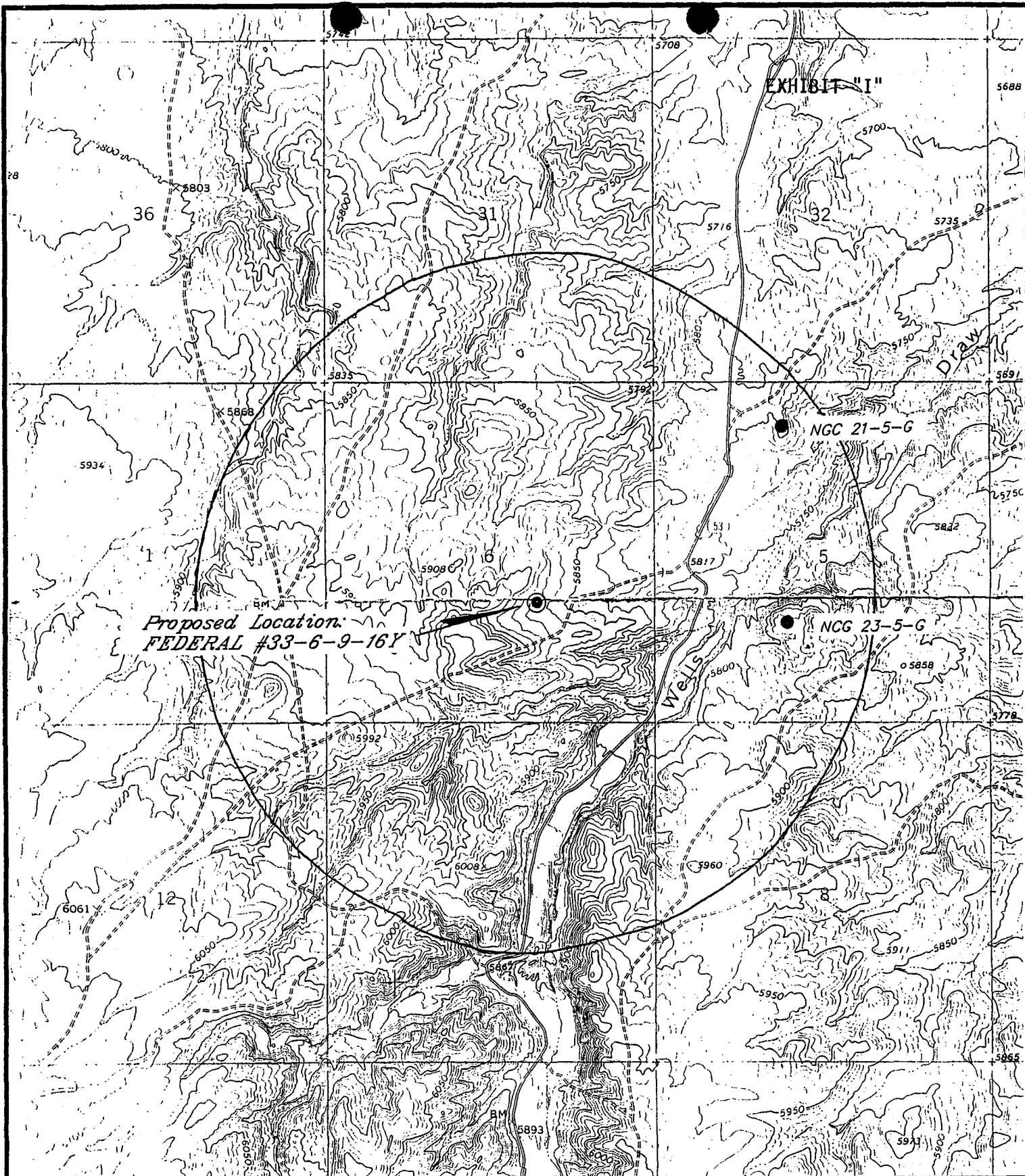


**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, YERBA, UTAH 84078  
801-781-2501

UNION DRILLING RIG #17 Hex Kelly -

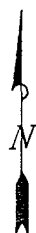


#3000 STACK



**EQUITABLE RESOURCES CO.**

FEDERAL #33-6-9-16Y  
SEC. 6, T9S, R16E, S.L.B.&M.  
TOPO "C"

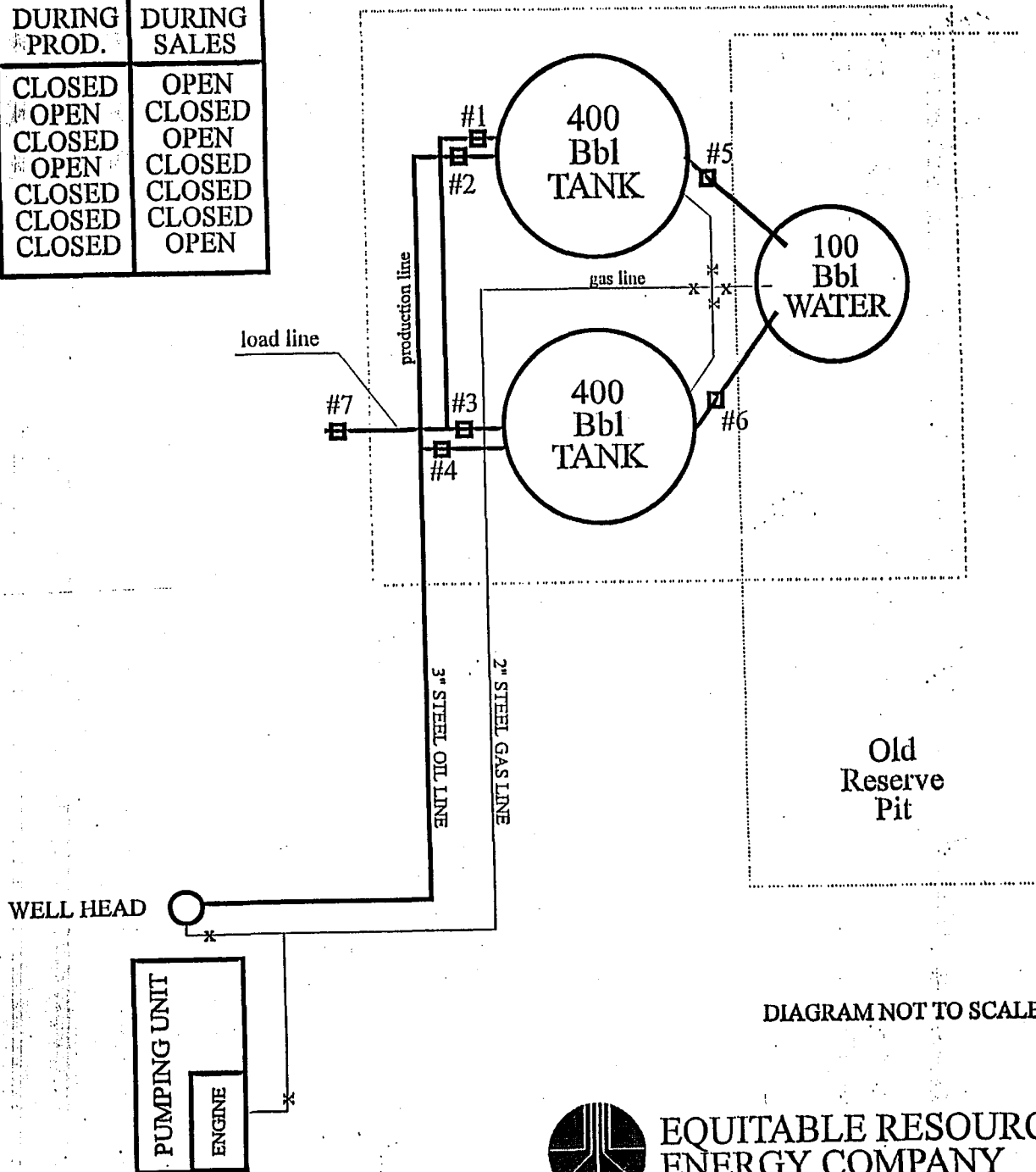


**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

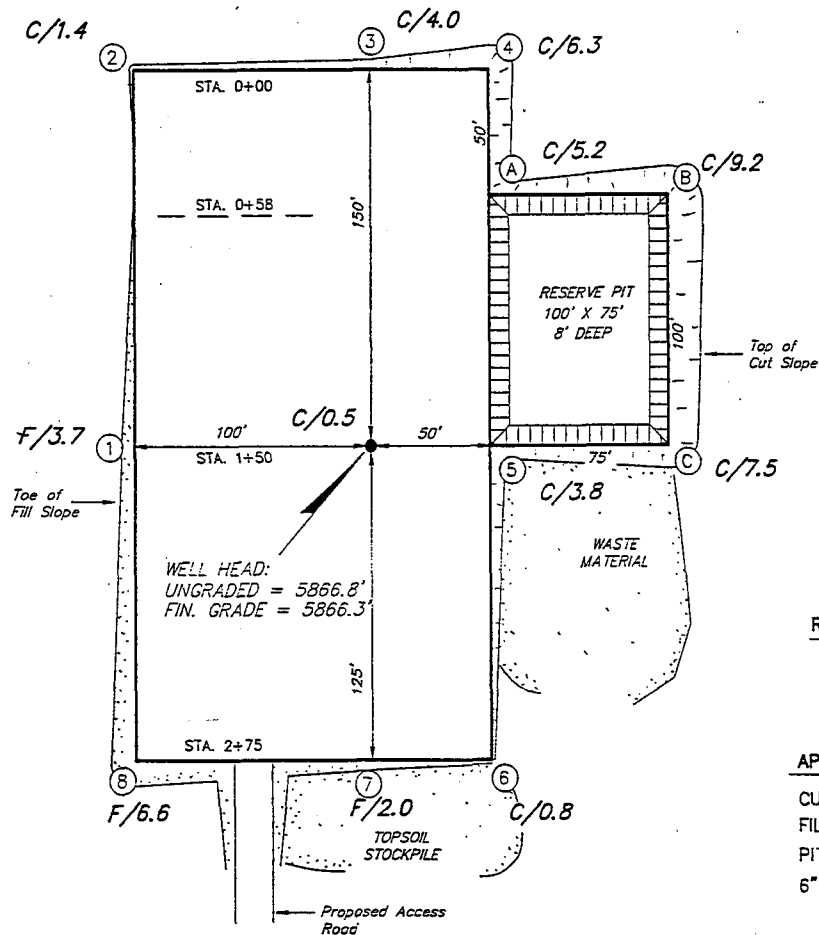
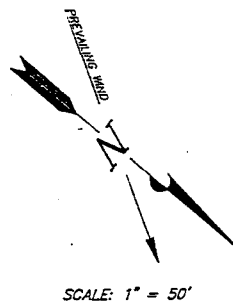
**EQUITABLE RESOURCES  
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue  
Billings, MT 59104-2  
(406) 259-7860

# EQUITABLE RESOURCES ENERGY CO.

FEDERAL #33-6-9-16Y  
SECTION 6, T9S, R16E, S.L.B.&M.

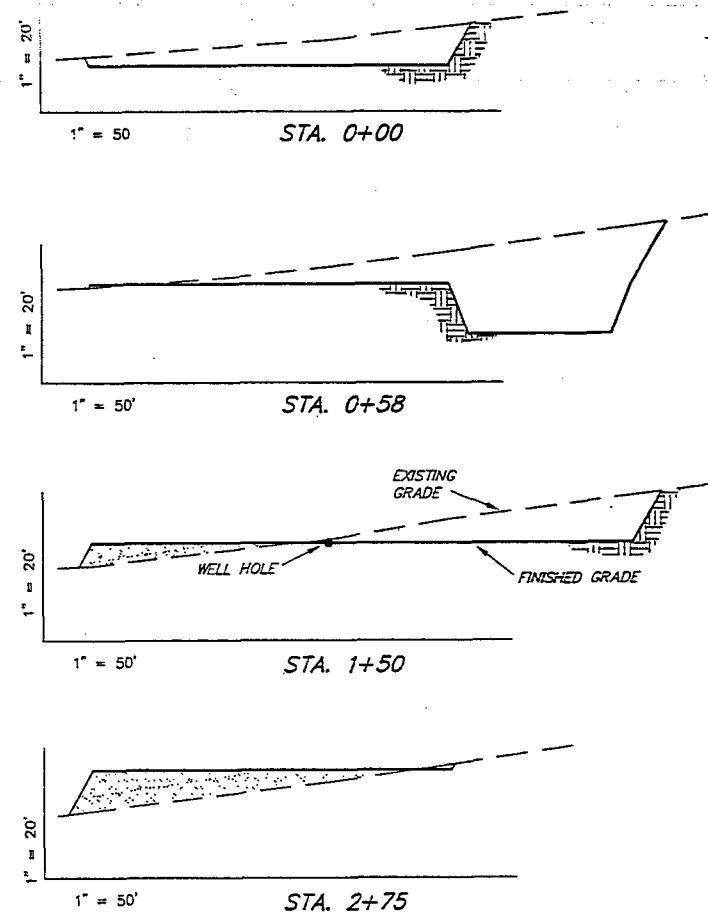


## REFERENCE POINTS

150' SOUTHEAST = 5861.8'  
200' SOUTHEAST = 5861.7'  
200' SOUTHWEST = 5871.3'  
250' SOUTHWEST = 5873.0'

## APPROXIMATE YARDAGES

CUT = 3,110 Cu. Yds.  
FILL = 2,190 Cu. Yds.  
PIT = 1,940 Cu. Yds.  
6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: G.S.  
DRAWN BY: J.R.S.  
DATE: 10-18-95  
SCALE: 1" = 50'  
FILE:

**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84075

EXHIBIT "L"

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/95

API NO. ASSIGNED: 43-013-31589

WELL NAME: MONUMENT FEDERAL 33-6-9-16Y  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 06 - T09S - R16E  
SURFACE: 1850-FSL-1850-FEL  
BOTTOM: 1850-FSL-1850-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal ☒ State ☐ Fee ☐  
(Number 5547188)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number 47-1674)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: EQUITABLE RESOURCES</b>	<b>Well Name: MON FED 33-6-9-16Y</b>
<b>Project ID: 43-013-31589</b>	<b>Location: SEC. 6 - T9S - R16E</b>

**Design Parameters:**

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2422 psi  
 Internal gradient (burst) : 0.068 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

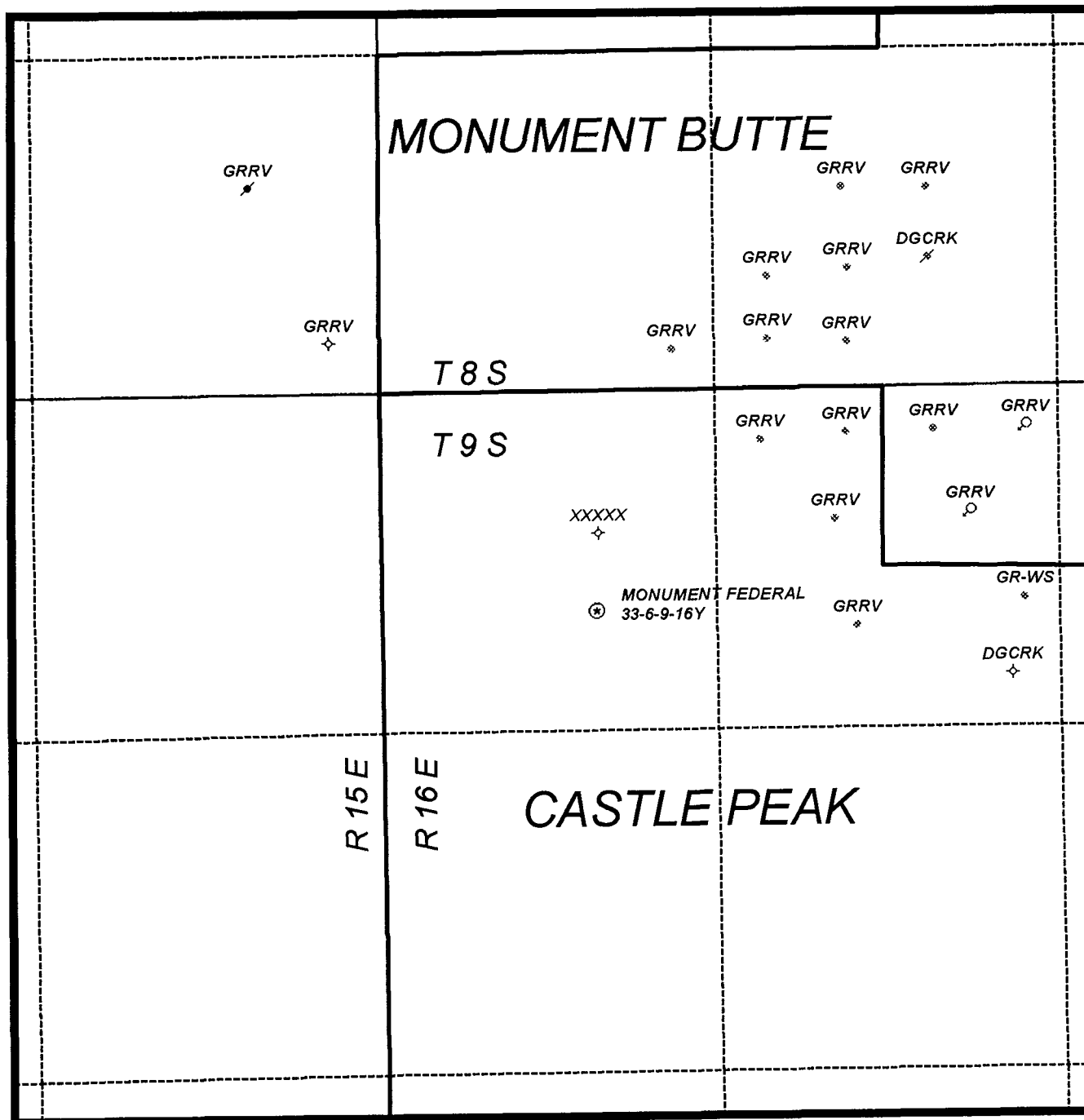
Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,150	5.500	15.50	K-55	ST&C	6,150	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2843	4040	1.421	2843	4810	1.69	95.33	222 2.33 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 04-15-1996  
 Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 117°F (Surface 74°F , BHT 160°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,843 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

# EQUITABLE RESOURCES DEVELOPMENT DRILLING MONUMENT BUTTE AREA SEC. 6, T9S, R16E DUCHESNE COUNTY



JAN 2 1996

EQUITABLE RESOURCES CO.

FEDERAL #33-6-9-16Y

Section 6, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
235 EAST MAIN  
VERNAL, UTAH 84078

December 9, 1995

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. FEDERAL #33-6-9-16Y,  
Section 6, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 9 miles south and 5 miles west of Myton, Utah on a bench west of Wells Draw. Most of the surface is composed of angular rocks fragments and sand. Lower Uinta Formation is exposed north of the wellpad on a hill. Wellpad appears to have a thin layer of slope wash.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

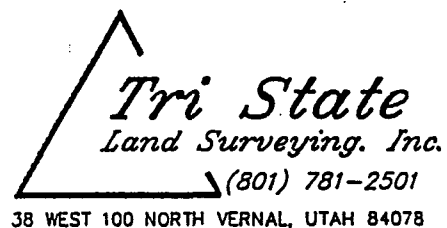
No fossils were found on this location or proposed access road.

Recommendations-

No recommendations are being made for paleontology at this location.

Alden H. Hamblin  
Paleontologist

Date December 9, 1995







**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

FEB - 5 1996

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

January 30, 1996

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078-2799

Gentlemen:

Enclosed are the Archeological Reports for the following Monument Federal wells:  
#34-3-9-17Y, #31-9-10-17Y, #32-10-9-17Y, #11-11-9-17Y, #14-21-9-18Y, #43-  
19-9-18Y, #32-20-9-18Y, #33-22-8-17Y, #33-17-9-17B, #23-17-9-17B, #44-31-  
8-18Y, #33-6-9-16Y, and #41-35-9-18Y.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining

**CULTURAL RESOURCE EVALUATION** 1996  
**OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES**  
**IN THE CASTLE PEAK DRAW LOCALITY OF**  
**DUCHESNE & UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Division  
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937  
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
Bountiful, Utah 84010

January 23, 1996

## **ABSTRACT**

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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## **GENERAL INFORMATION**

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

### **Project Location**

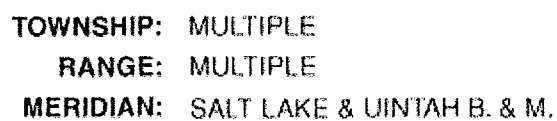
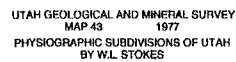
The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

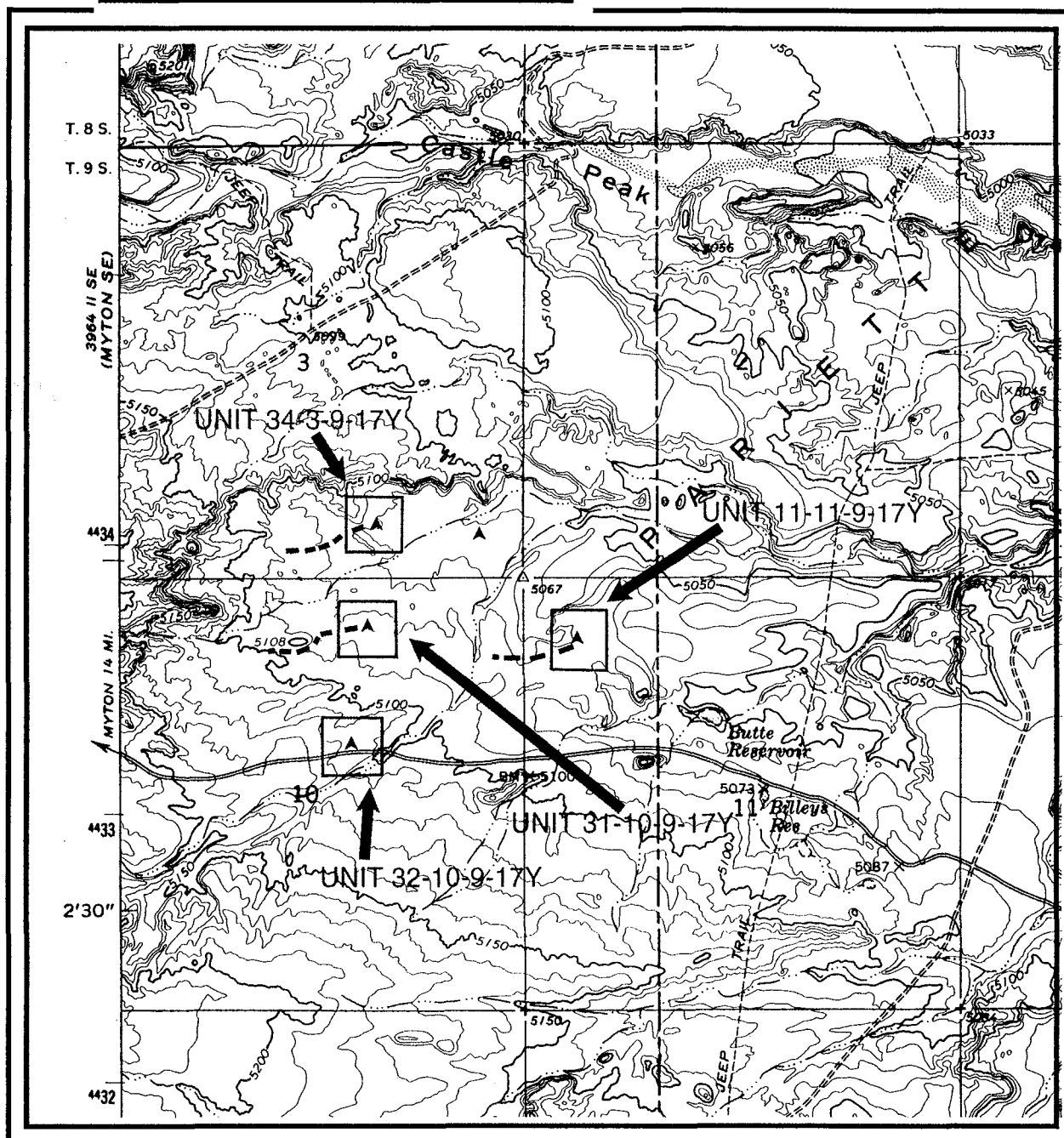
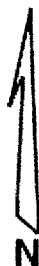
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**MAP 2: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE CASTLE PEAK DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Pariette Draw SE, Utah  
DATE: January 22, 1996



**LEGEND**



TOWNSHIP: 9 South  
RANGE: 17 East  
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre  
Survey  
Area

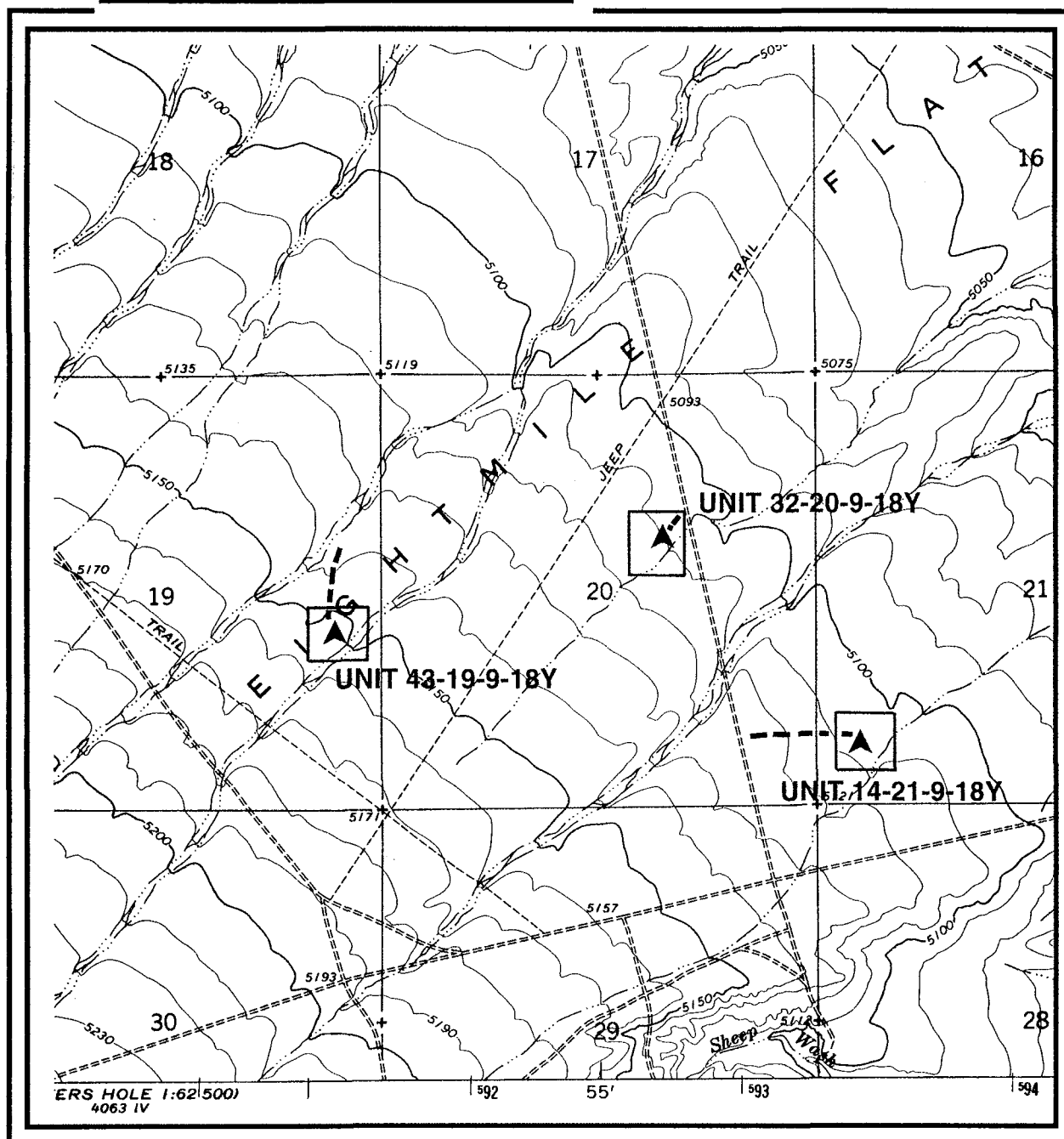




**MAP 3: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE EIGHTMILE FLAT  
LOCALITY OF UINTAH COUNTY,  
UTAH**





PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Pariette Draw SE, Utah  
DATE: January 22, 1996




**LEGEND**



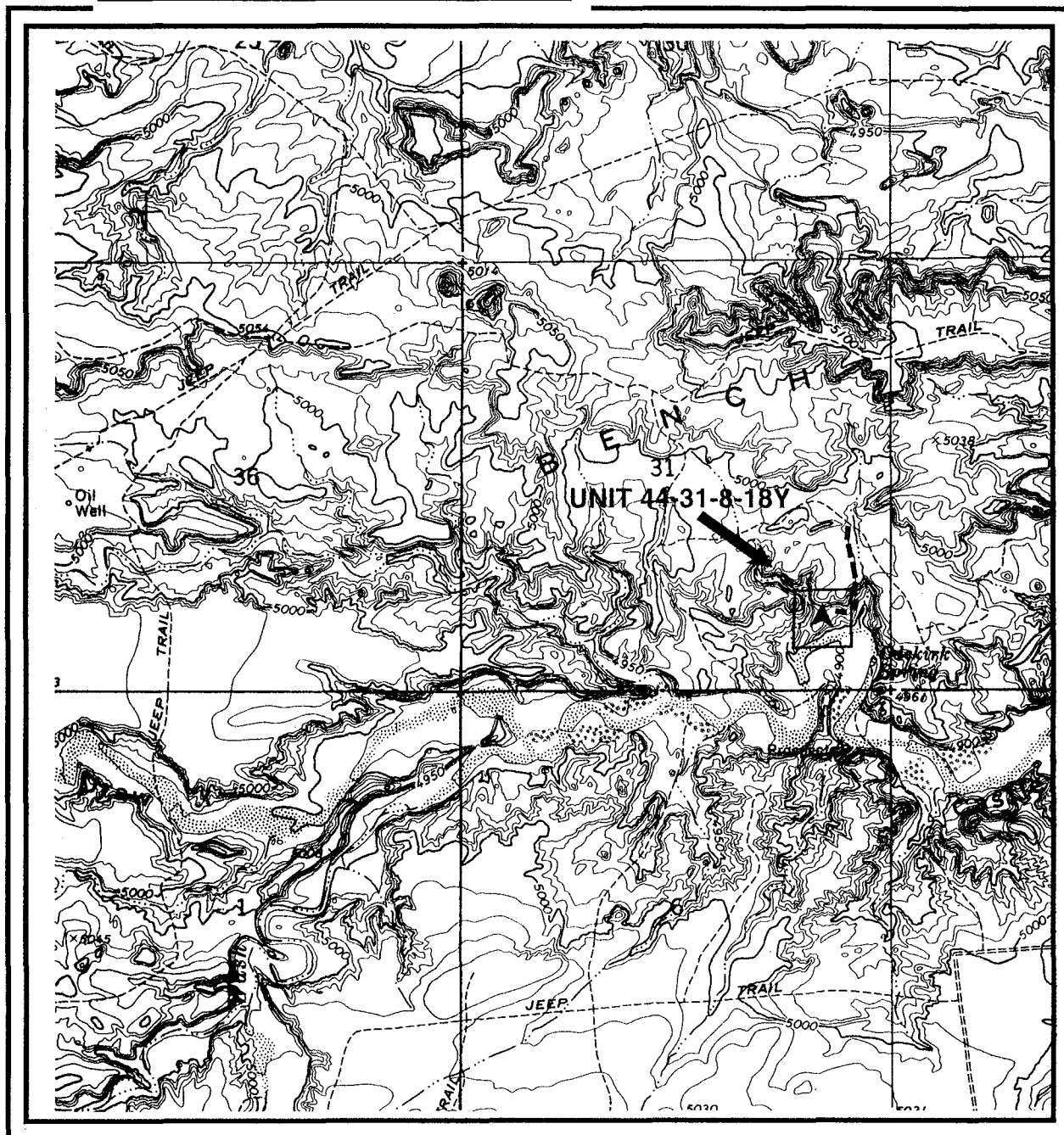
TOWNSHIP: 9 South  
RANGE: 18 East  
MERIDIAN: Salt Lake B. & M.

Well Location   
Access Route 

Ten Acre  
Survey  
Area 

**MAP 4: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 44-31-8-18Y  
IN THE CASTLE PEAK DRAW  
LOCALITY OF UINTAH COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 22, 1996



**LEGEND**



**TOWNSHIP:** 8 South  
**RANGE:** 18 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**



**Access Route**

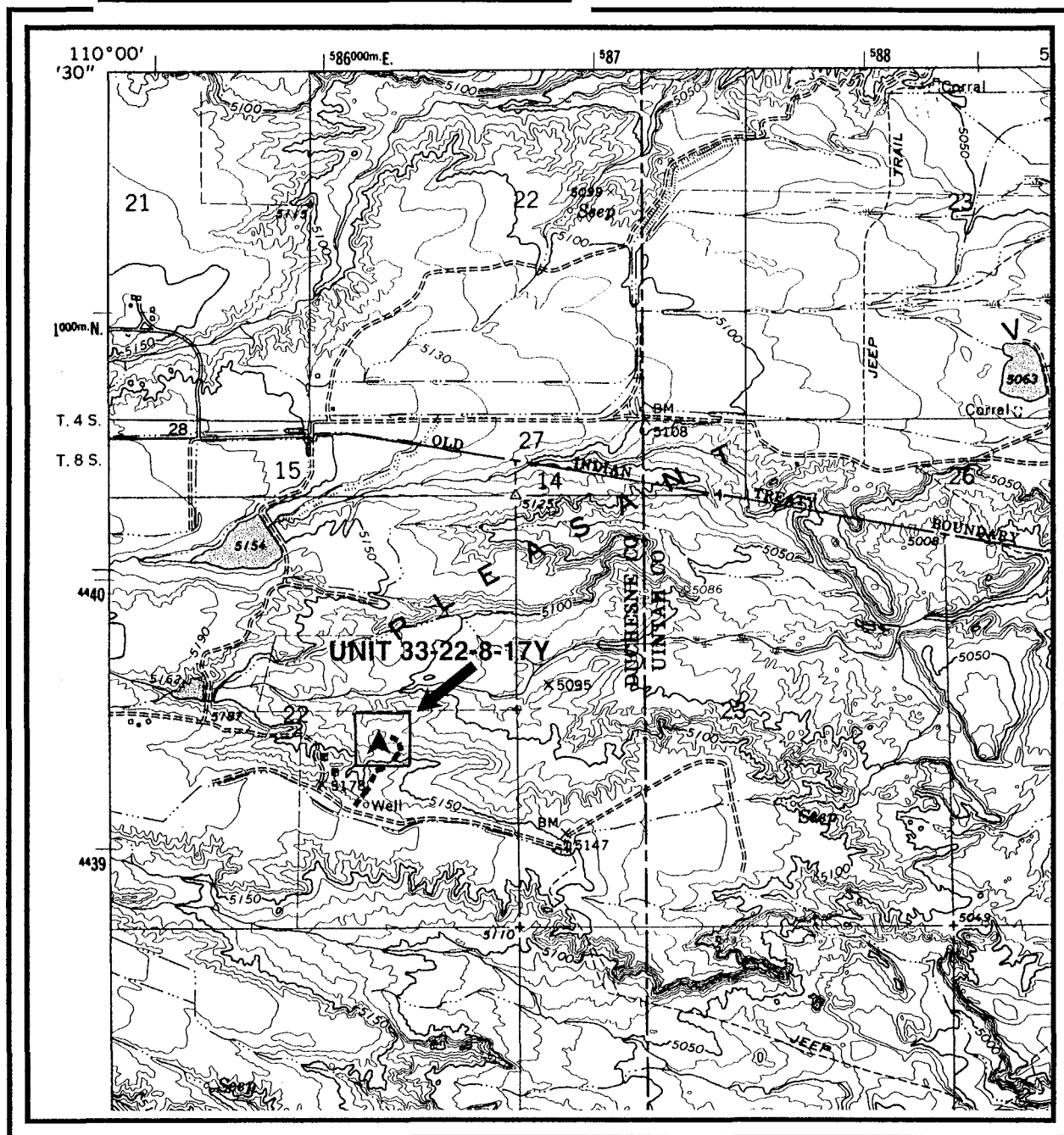


**Ten Acre  
Survey  
Area**



**MAP 5: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-22-8-17Y  
IN THE PLEASANT VALLEY  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 8 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route

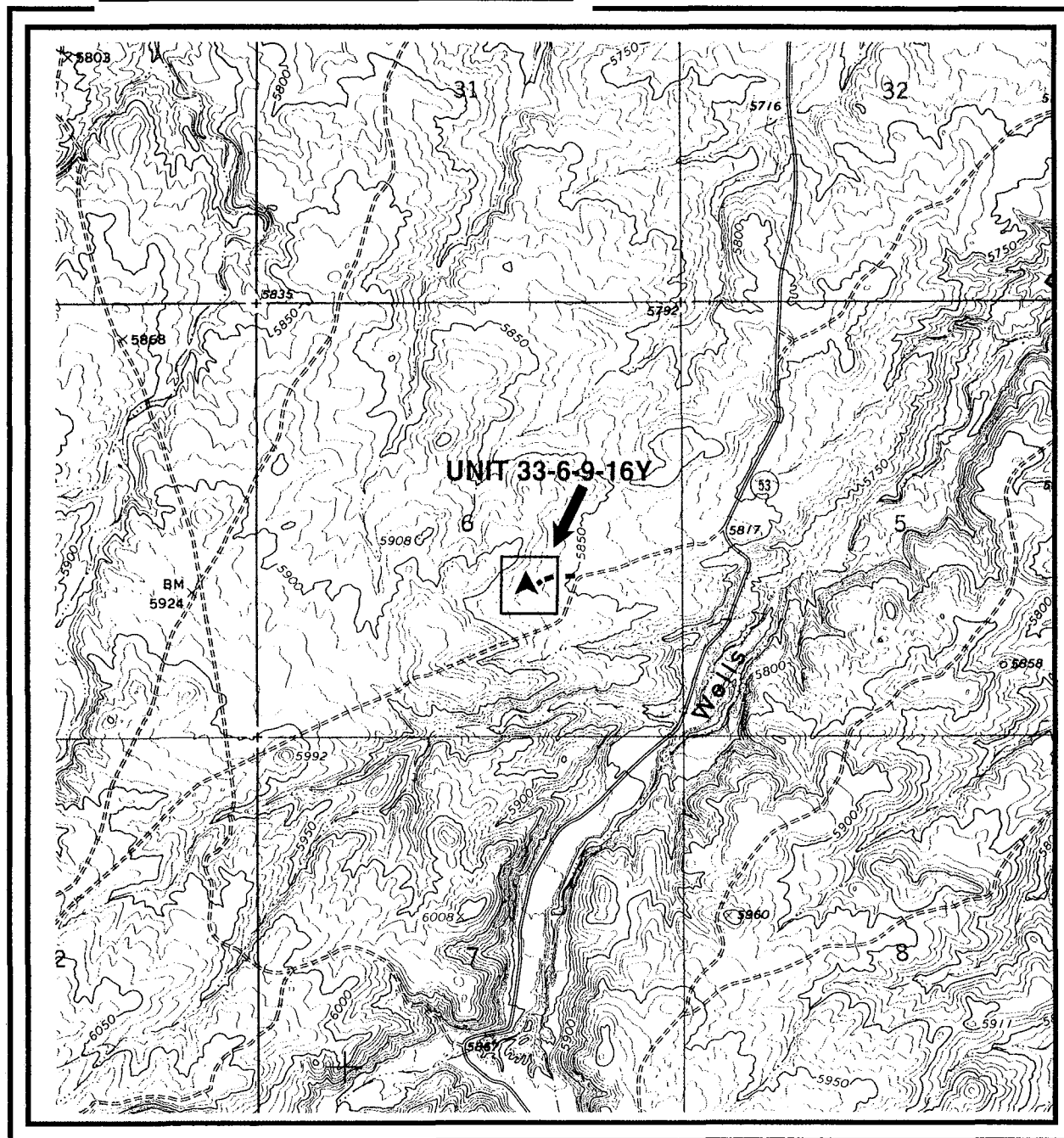


Ten Acre  
Survey  
Area



**MAP 6: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-6-9-16Y  
IN THE WELLS DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Myton SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 16 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location**



**Access Route**



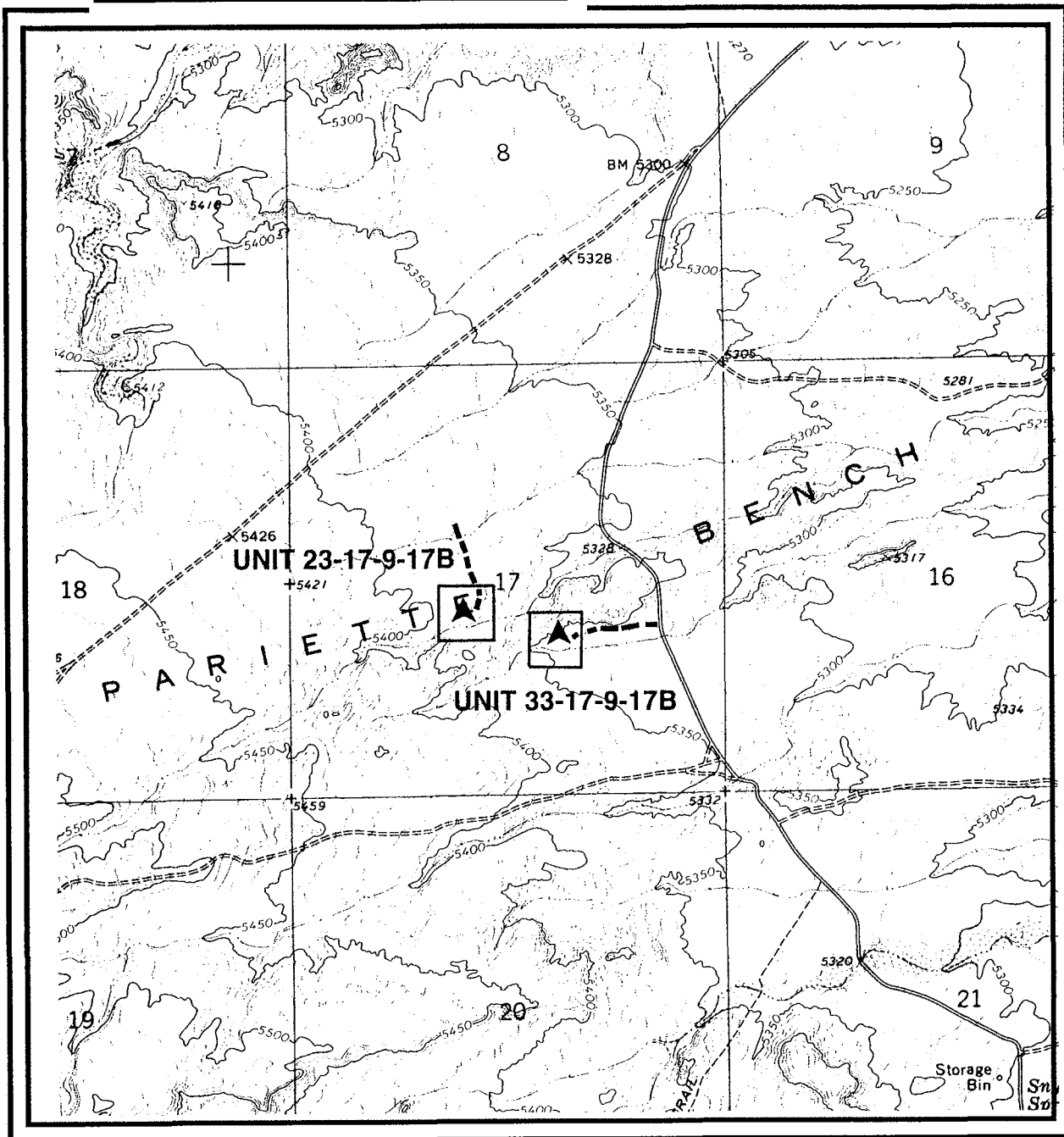
**Ten Acre  
Survey  
Area**



**MAP 7: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE PARIETTE BENCH  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**



PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Myton SW, Utah  
DATE: January 23, 1996



**LEGEND**



TOWNSHIP: 9 South  
RANGE: 17 East  
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route

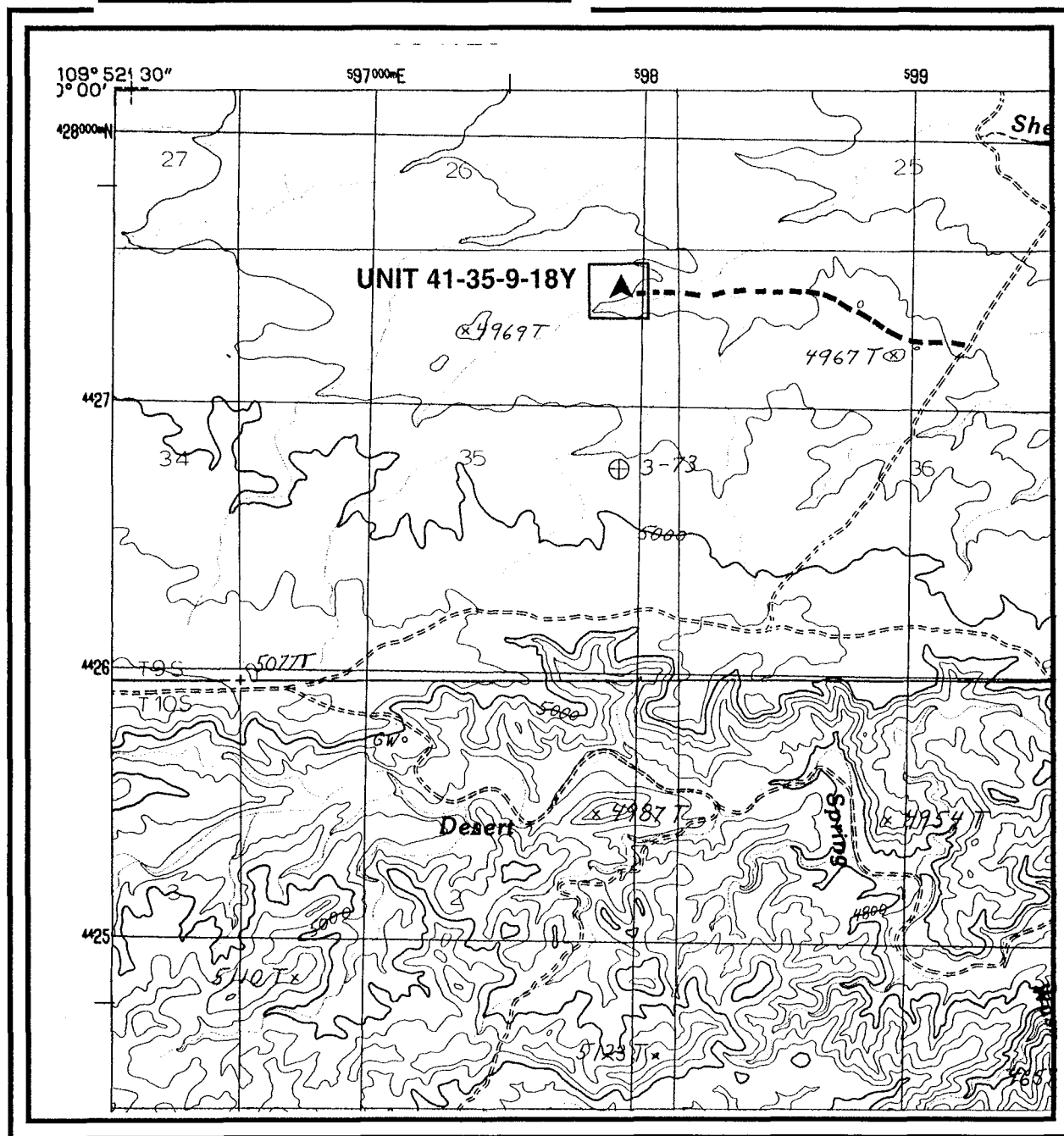


Ten Acre  
Survey  
Area

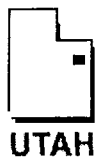


**MAP 8: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 41-35-9-18Y  
IN THE DESERT SPRING WASH  
LOCALITY OF Uintah County,  
UTAH**

PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Moon Bottom, Utah  
DATE: January 23, 1996



**LEGEND**



TOWNSHIP: 9 South  
RANGE: 18 East  
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre  
Survey  
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

## Environmental Description

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

## PREVIOUS RESEARCH IN THE LOCALITY

### File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

### Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological



## Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

### Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by

Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

### **Site Significance Criteria**

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

### **Results of the Inventory**

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.

No paleontological loci of significance were identified during the evaluations.

### **CONCLUSION AND RECOMMENDATIONS**

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.  
President and Principal Investigator

## REFERENCES

Fike, Richard E. and H. Blaine Phillips II

- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, ( Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

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- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
- 1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

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Stokes, W. L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

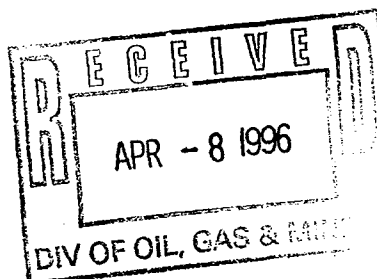
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

County: See attached list

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

Title:

Regulatory and

Environmental Specialist Date: March 27, 1996

(This space for State use only)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

April 15, 1996

Equitable Resources Energy Co.  
1601 Lewis Avenue  
Billings, Montana 59102

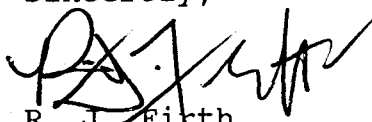
Re: Monument Federal 33-6-9-16Y Well, 1850' FSL, 1850' FEL,  
NW SE, Sec. 6, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31589.

Sincerely,

  
R. J. Firth  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

WAPD

Operator: Equitable Resources Energy  
Well Name & Number: Monument Federal 33-6-9-16Y  
API Number: 43-013-31589  
Lease: U-74390  
Location: NW SE Sec. 6 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

DEC 15 1995

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NW SE Section 6, T9S, R16E

1850' FSL, 1850' FEL

At proposed prod. zone

43-013-31589

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 12 miles SW

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,150'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5867'

22. APPROX. DATE WORK WILL START\*

March 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

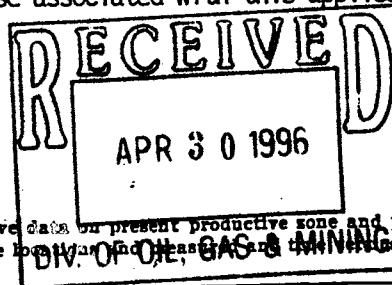
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and lease and then vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Debbie Schuman*

TITLE

Regulatory and  
Environmental Specialist

DATE

*December 14, 1995*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Jim Hough*

TITLE

ASSISTANT DISTRICT  
MANAGER (INTERNAL)

DATE

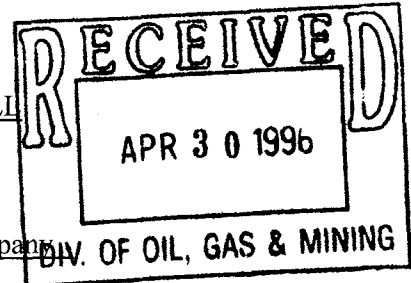
APR 15 1996

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-6-9-16Y

API Number: 43-013-31589

Lease Number: U-74390

Location: NWSE Sec. 6 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at  $\pm 632$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 432$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).



No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert      (801) 789-4170  
Petroleum Engineer

Ed Forsman            (801) 789-7077  
Petroleum Engineer

Jerry Kenczka        (801) 789-1190  
Petroleum Engineer

BLM FAX Machine    (801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM**  
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

PLANS FOR RECLAMATION OF LOCATION

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

OTHER INFORMATION

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

**MOUNTAIN PLOVERS & BURROWING OWLS**

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

*OH/Pending Status*

UTAH

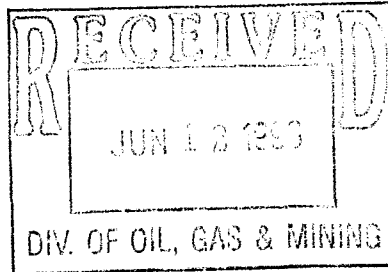
Getty #7-C	Monument Butte	NE NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30961	1129' FNL, 2229' FWL	Vernal	Jonah
Goates Federal #1	Monument Butte	SE SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15789	793' FSL, 2088' FWL	Vernal	Jonah
Goates Federal #3	Monument Butte	NW NW	14	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15791	790' FNL, 790' FWL	Vernal	Jonah
Hendel Federal #1	Pariette Bench	SW SW	9	9S	19E	Uintah	UT	Oil	Green River	U-058149	43-047-20011	560' FSL, 500' FWL	Vernal	
Hendel Federal #1-17	Pariette Bench	NE NW	17	9S	19E	Uintah	UT	Oil	Green River	U-017991	43-047-30059	660' FNL, 1979' FWL	Vernal	
Hendel Federal #3-17	Pariette Bench	SW NW	17	9S	19E	Uintah	UT	OSI	Green River	U-017991	43-047-30074	1980' FNL, 660' FWL	Vernal	
K. Jorgenson State #16-4	Monument Butte	NE SE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30572	1984' FSL, 660' FEL		
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Butte #1-13	Monument Butte	NW SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30702	1820' FSL, 685' FWL	Vernal	Jonah
Monument Butte #1-14	Monument Butte	SW SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30703	820' FSL, 820' FWL	Vernal	Jonah
Monument Butte #1-23	Monument Butte	NE SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30646	1980' FSL, 1980' FWL	Vernal	Jonah
Monument Butte #1-24	Monument Butte	SE SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30701	820' FSL, 1950' FWL	Vernal	Jonah
Monument Butte #1-33	Monument Butte	NW SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-52013	43-013-30735	1980' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-34	Monument Butte	SW SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30736	710' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-43	Monument Butte	NE SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30734	1980' FSL, 660' FEL	Vernal	Jonah
Monument Federal #11-11-9-17Y	Monument Butte	NW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210		656' FNL, 741' FWL	Vernal	
Monument Federal #11-22-9-16Y	Monument Butte	NW NW	22	9S	16E	Duchesne	UT	PND	Green River	U-64379			Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210			Vernal	
Monument Federal #13-22-8-17Y	Monument Butte	NW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1446' FSL, 863' FWL	Vernal (Private sfc)	
Monument Federal #14-21-9-18Y	8 Mile Flat	SW SW	21	9S	18E	Uintah	UT	PND	Green River	U-68105		700' FSL, 550' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT	PND	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Monument Federal #22-20-9-16	Monument Butte	SE NW	20	9S	16E	Duchesne	UT	PND	Green River	U-52018				
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #23-22-8-17Y	Monument Butte	NE SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal (Private sfc.)	
Monument Federal #24-17-9-16	Monument Butte	SE SW	17	9S	16E	Duchesne	UT	PND	Green River	U-52018			Vernal	
Monument Federal #31-5-9-17	Monument Butte	NW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-74808				
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		660' FNL, 1980' FEL	Vernal	
Monument Federal #31-22-8-17	Monument Butte	NW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1036' FNL, 2338' FEL	Vernal (Private sfc.)	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	U-64917		1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-6-9-16Y	Monument Butte	NW SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390		1850' FSL, 1850' FEL	Vernal	
Monument Federal #32-22-8-17	Monument Butte	SW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1980' FNL, 1980' FEL	Vernal (Private sfc.)	
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

June 10, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah  
API #43-013-31589

This letter is notice that the subject well was spud on 6-3-96.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad  
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action  
Form  
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX  
Yates Petroleum  
Isabel - MYCO - VIA FAX



EQUITABLE RESOURCES  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

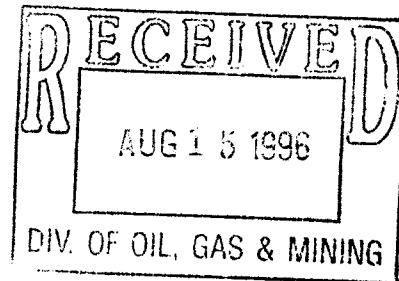
Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

August 12, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah  
API #43-013-31589



Enclosed for your files are the following:

Completion Report  
Onshore Order #7  
Report of Water Encountered  
Daily Operating Reports

I will forward a Site Security Diagram to you within 30 days. Please feel free to contact me if you need any further information.

Sincerely,

*Molly Conrad*  
Molly Conrad  
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining  
Isabel - MYCO Industries  
Yates Petroleum  
Lou Ann Carlson  
Valeri Kaae



## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

**Location:** NW SE Section 6, T9S, R16E

**Duchesne County, Utah**

**1850' FSL & 1850' FEL**

**API #43-013-31589**

**PTD: 6,150' Formation: Green River**

**Monument Butte**

**Elevations: 5867' GL**

**Contractor: Union Drilling**

**Operator: EREC Western Region**

**Spud: June 4, 1996**

**Casing: 8-5/8", 24#, J-55 @ 262.11' KB**

**5-1/2", 15.5#, J-55 @ 6080.11' KB**

**Tubing: 2-7/8", 6.5#, J-55 @ 4929.28' KB**

**---TIGHT HOLE---**

06/04/96

TD: 281' (281') Day 1

Formation: Sand & Shale

Present Operation: Waiting on Cement

MIRU. Drilled 281' KB. Ran 6 jts, 251' of 8-5/8", 24#, J-55 csg as follows:

Shoe .90'

Shoe jt 41.70'

Baffle plate 0.00'

5 jts csg 209.51'

Landing jt 10.00'

Total csg length 252.11'

Depth landed 262.11' KB

Cement w/BJ Services as follows: 160 sxs "G" + 2% CaCl<sub>2</sub> + 1/4#/sx cello flake. Plug down @ 1:00 AM. 4 bbls excess cement return to pit.

DC: \$5,058

CC: \$5,058

06/05/96

TD: 1240' (959') Day 2

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole.

DC: \$17,262

CC: \$22,320

06/06/96

TD: 2548' (1308') Day 3

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole

Last 24 hrs: Trip for 3-1/2 hrs, drilled 1308' of 7-7/8" hole w/air, ran two surveys.

DC: \$23,544

CC: \$45,864

06/07/96

TD: 3711' (1163') Day 4

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole.

DC: \$20,934

CC: \$66,798

06/08/96

TD: 4575' (864') Day 5

MW 8.3 VIS 28

Present Operation: Drilling 7-7/8" hole

Air drill w/air & foam to 4210'. Load hole w/fluid, trip for bit & pick up motor.

DC: \$15,552

CC: \$82,350

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

**Location: NW SE Section 6, T9S, R16E**

**Duchesne County, Utah**

**---TIGHT HOLE---**

06/09/96 TD: 5455' (880') Day 6  
MW 8  
Present Operation: Drilling 7-7/8" hole.  
DC: \$15,840 CC: \$98,190

06/10/96 TD: 6100' (645') Day 7  
Present Operation: Logging hole  
TD 7-7/8" hole @ 8:45 PM, 6-9-96. Loggers TD - 6100', Drillers TD - 6100'  
DC: \$11,610 CC: \$109,800

06/11/96 TD: 6100' (0') Day 8  
Present Operation: Rig Down  
Run 5-1/2", 15.5#, 8rd, J-55 csg as follows:

Shoe	.90'
Shoe jt	37.24'
Float collar	1.10'
147 jts csg	6030.87'
Landing jt	10.00'
Total csg length	6070.11'
Depth landed	6080.11'
PBTD	6040.87' KB

Cement by BJ Services as follows: Lead w/390 sxs Super G + 3% salt + 2% gel + 2#/sx Kol seal + 1/4#/sx cello flake. Tail w/390 sxs 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx Kol seal. Plug down @ 8:15 PM. Rig released @ 10:30 PM.  
DC: \$25,000 CC: \$134,800

Dress up location, set rig anchors, set rig pump & tanks. MIRU Cannon Well Service rig #2. NU BOP. TIH w/4-3/4" bit & 5-1/2" csg scraper & 196 jts tbg. Tag PBTD @ 6042' KB. Circ hole clean w/135 bbls 2% KCL wtr. TOOH w/tbg & tools. SWIFN.  
DC: \$4,793 CC: \$139,593

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

Location: NW SE Section 6, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

6-25-96

#### Completion

RU Cutter Wireline to run CBL from 6029' KB to surface. TOC @ 226' KB. Perf 4845' - 53 & 4854'-59 (4 SPF). RD Cutter. TIH w/RBP, retrieving tools, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 158 jts 2-7/8" tbg. Set BP @ 4904' KB, set packer @ 4764' KB. EOT @ 4776' KB. SWIFN.

DC: \$6,737

CC: \$146,330

06/26/96

#### Completion

RU BJ Services to break down & frac 4845' - 4859'. Break down w/2604 gals 2% KCL wtr and 104 balls, saw ball action. ISIP = 1350 psi. Used 62 bbls wtr. TOOH w/tbg, pkr & retrieving tool. Flow back 11 bbls wtr. Frac 4845' - 4859' w/12,600 gals 2% KCL wtr and 37,280 lbs 16/30 sand. ATP = 2100 psi, ATR = 19.4 bpm, ISIP = ?, 5 min = 3200 psi, 10 min = 2670 psi, 15 min = 2250 psi. Screen out w/29229 lbs of sand on formation. Bleed well down, .5 bpm. Flow back 110 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 146 jts tbg. Tag sand at 4480' KB. Circulate down to BP at 4904' KB. Set pkr at 4769'. Made 11 swab runs. Recovered 57 bbls wtr. No oil. Good gas. 1% sand. Final FL @ 1500'. SWIFD.

DC: \$24,229

CC: \$170,559

06/27/96

#### Completion

Fluid level @ 400'. Made 38 swab runs. Recovered 15 bbls oil & 169 bbls wtr. Good gas on last 10 runs. Oil 40% last 2 runs. No sand last 10 runs. SWIFN.

DC: \$1,898

CC: \$172,457

06/28/96

#### Completion

Bleed well down. Release pkr. Tag sand @ 4890' KB. Circulate down to BP @ 4904' KB. Release BP, TOOH w/tbg, pkr & BP. TIH w/production string (tbg):

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar	.40'	4929.28'
1 - jt 2-7/8" EUE J-55 8rd 6.5#	30.53'	4928.88'
1 - perf sub 2-7/8" x 4'	4.20'	4898.35'
1 - seat nipple 2-7/8"	1.10'	4894.15'
4 - jts 2-7/8" EUE J-55 8rd 6.5#	124.60'	4893.05'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	4768.45'
154 - jts 2-7/8" EUE J-55 8rd 6.5#	4755.70'	4765.70'
KB	10.00'	

ND BOP, ND 5M well head, NU 3M well head. Set tbg anchor w/10" tension, flange up well head. TIH w/production string (rods):

1 - DHP 2-1/2" x 1-1/2" x 15-1/2" RHAC w/SM plunger (TRICO #1176)

1 - 7/8" x 2' Pony w/2-1/2" guide

1 - 1-1/2" x 25' K-Bar

1 - 7/8" x 2' Pony w/2-1/2" guide

193 - 3/4" x 25' D-61 Plain

1 - 3/4" x 8' Pony

1 - Polish Rod 1-1/4" x 22' SM

Pressure test DHP & tbg to 1000 psi, OK. Shut well in, RDMO.

DC: \$21,112

CC: \$193,569

DAILY OPERATING REPORT

MONUMENT FEDERAL #33-6-9-16Y

Location: NW SE Section 6, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

07/10/96 Completion

Start well pumping @ 4:30 PM on 7/10/96. 5 SPM, 84" stroke.

DC: \$42,839

CC: \$236,408

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

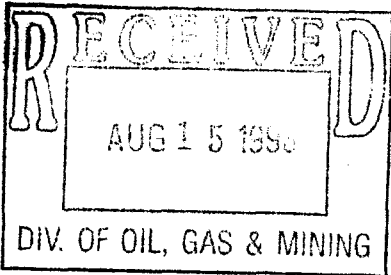
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-74390
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL	8. Well Name and No. Monument Fed. #33-6-9-16Y
	9. API Well No. 43-013-31589
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Onshore Order #7	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

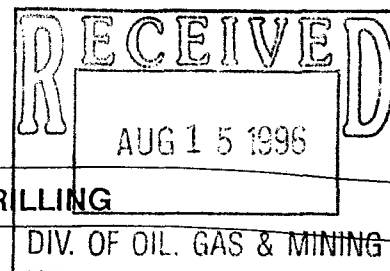
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Molly Conrad</u>	Title <u>Operations Secretary</u>	Date <u>8-12-96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

DIV. OF OIL, GAS &amp; MINING

1. Well name and number: Monument Federal #33-6-9-16YAPI number: 43-013-315892. Well Location: QQ NWSE Section 6 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

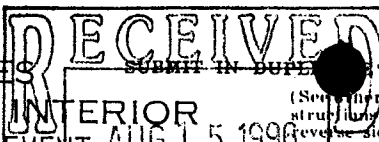
6. Formation tops: Please see original completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8-12-96Name & Signature: Molly ConradTitle: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		12. COUNTY OR PARISH Duchesne		13. STATE Utah	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		14. PERMIT NO. 43-013-31589		DATE ISSUED 4-15-96	
2. NAME OF OPERATOR Equitable Resources Energy Company		15. DATE SPUDDED 6-4-96		16. DATE T.D. REACHED 6-11-96	
3. ADDRESS OF OPERATOR 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860		17. DATE COMPL. (Ready to prod.) 7-10-96		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5867' KB	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL At top prod. interval reported below At total depth		19. ELEV. CASINGHEAD n/a		20. TOTAL DEPTH, MD & TVD 6100'	
21. PLUG BACK T.D., MD & TVD 6042'		22. IF MULTIPLE COMPL., HOW MANY* n/a		23. INTERVALS DRILLED BY SFC - TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4845' - 4859' Green River		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR DLL SDL DSN MUD LOG 6-17-96	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD	
Casing Size		Weight, lb./ft.		Depth Set (MD)	
8-5/8"		24#		262.11' KB	
5-1/2"		15.5#		6080.11'	
Hole Size		Cementing Record		Amount Pulled	
12-1/4"		160 sxs Class "G" w/additives		None	
7-7/8"		390 sxs Super "G" w/additives		None	
		390 sxs 50/50 POZ w/additives			
30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Size		Top (MD)		Bottom (MD)	
n/a					
Sacks Cement*		Screen (MD)		Depth Interval (MD)	
				4845' - 4859'	
Amount and Kind of Material Used		Break w/2604 gals 2% KCL water.		Frac w/37,280# 16/30 mesh sand w/12,600 gallons 2% KCL gelled water.	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS	
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump)		Well Status (Producing or shut-in)	
7-10-96		1-1/2" Insert Pump		Producing	
Date of Test		Hours Tested		Choke Size	
8-11-96		24		n/a	
Prod'n. for Test Period		Oil—BBL.		Gas—MCF.	
		5.66		N.M.	
Water—BBL.		Gas—Oil Ratio		Flow. Tubing Press.	
0		N.M.		n/a	
Casing Pressure		Calculated 24-Hour Rate		Oil Gravity-API (Corr.)	
n/a		5.66		34	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED		TITLE	
		Molly Conrad		Operations Secretary	
		DATE		8-12-96	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1644'	1644'
Horsebench SS	2328'	2328'
2nd Garden Gulch	4036'	4036'
YELLOW Marker	4676'	4676'
Douglas Creek	4823'	4823'
2nd Douglas Creek	5066'	5066'
Green Marker	5203'	5203'
Black Shale Facies	5457'	5457'
Carbonate Marker	5720'	5720'



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 6, T9S, R16E  
2214' FSL & 707' FEL

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. 543-6-9-16Y

9. API Well No.

43-013-31644

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

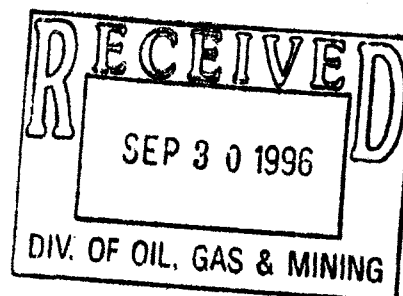
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security Diagram  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Secretary

Date SEP 26 1996

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

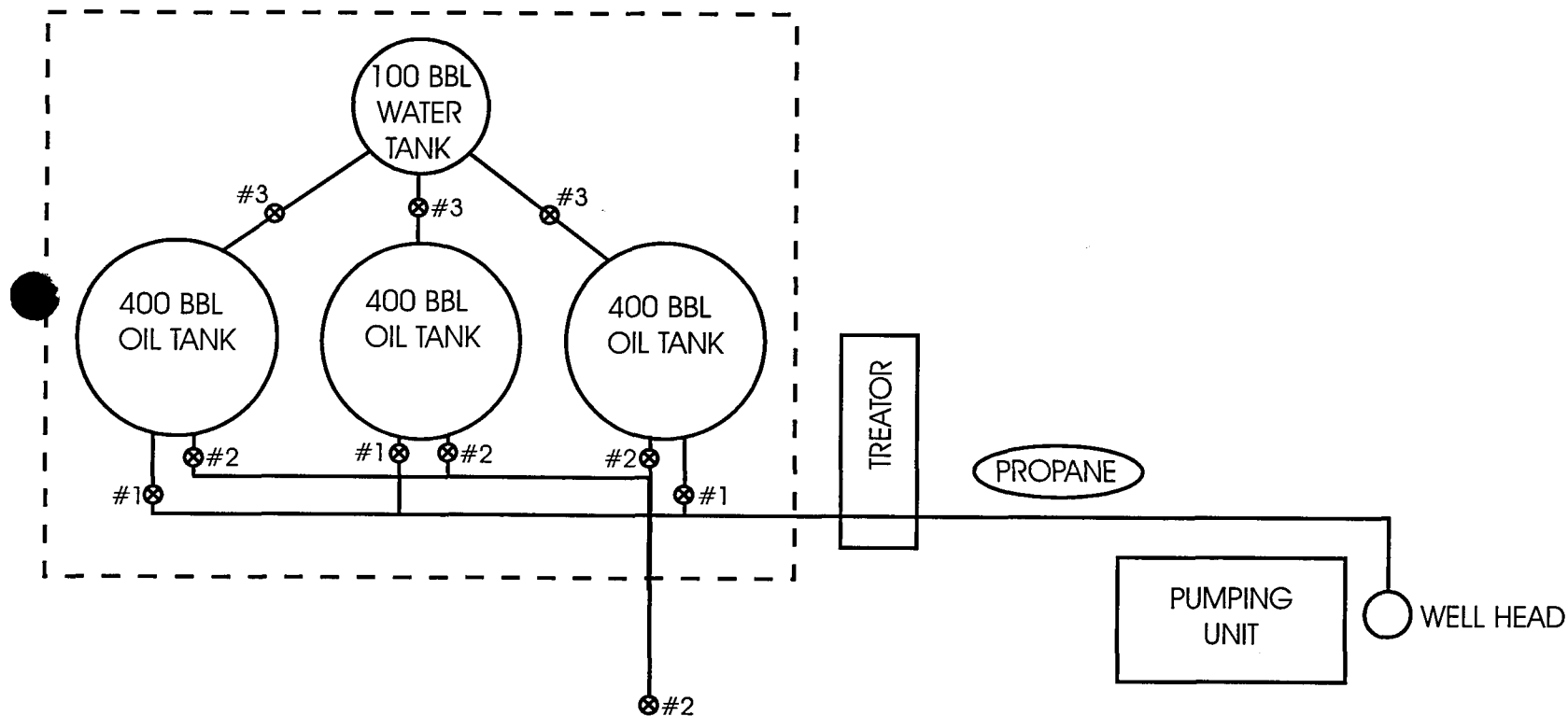
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**EQUITABLE RESOURCES ENERGY COMPANY**  
**MONUMENT FEDERAL 43-6-9-16Y**  
**PRODUCTION FACILITY DIAGRAM**

**MONUMENT FEDERAL 43-6-9-16Y**  
**NE SE SEC. 6, T9S, R16E**  
**DUCHESNE COUNTY, UTAH**  
**FEDERAL LEASE #U-74390**



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

1601 Lewis Avenue  
 Billings, MT 59102  
 (406) 259-7860

AUGUST 19, 1996

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-74390
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL	8. Well Name and No. Monument Fed. #33-6-9-16Y
	9. API Well No. 43-013-31589
	10. Field and Pool, or Exploratory Area Monument Butte/Green Riv.
	11. County or Parish, State Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Re-frac of well.	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operations commenced on 1-11-97 to re-fracture this well as follows:

Fractured 4845' - 4859' with 48,700# 16/30 mesh sand with 22,890 gallons 2% KCL gelled water.

The well was put back on production on 1-16-97.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed Molly Conrath

Title Operations Technician

Date 4-11-97

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DES 58-FILE
3	VLD (GIL) <i>✓</i>
4	RJE <i>✓</i>
5	LEP <i>✓</i>
6	FILE

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      **KKX** Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<b>EQUITABLE RESOURCES ENERGY COEROM</b> (former operator)	<b>EQUITABLE RESOURCES ENERGY CO</b>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
phone (406)	<u>259-7860</u>	phone (406)
account no.	<u>N9890</u>	account no.

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-3589</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- ✓* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \** 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- ✓* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- ✓* 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- ✓* 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- ✓* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- ✓* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

### FILMING

- VB 1. All attachments to this form have been microfilmed. Date: Aug. 20 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

9/6/04/0 BLM/BIA "Formal approval not necessary"

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company  
ADDRESS 1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11933	43-013-31589	Monument Federal #33-6-9-16Y	NW SE	6	9S	16E	Duchesne	6-3-96	6-3-96
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 6-13-96. Lec</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Conrad  
Signature  
Operations Secretary  
Title  
6-10-96  
Date  
Phone No. ( )

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 10 of 14

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
EQUITABLE RESOURCES ENERGY  
PO BOX 577  
LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BALCRON MONUMENT FEDERAL 12-17								
4301331431	11880	09S 17E 17	GRRV			467472106		
MONUMENT FEDERAL 43-7								
4301331432	11880	09S 17E 7	GRRV			"		
MONUMENT FEDERAL 32-17								
4301331465	11880	09S 17E 17	GRRV			"		
MONUMENT FEDERAL 41-17								
4301331466	11880	09S 17E 17	GRRV			"		
MONUMENT STATE 23-16-9-17B								
4301331578	11880	09S 17E 16	GRRV			mL3453B		
MONUMENT FEDERAL 23-17-9-17B								
4301331582	11880	09S 17E 17	GRRV			467474108		
MONUMENT FEDERAL 41-8-9-16								
4301331619	11891	09S 16E 8	GRRV			4620255		
MONUMENT FEDERAL 11-9-9-16								
4301331618	11893	09S 16E 9	GRRV			4620254		
MONUMENT FEDERAL 43-19-9-18Y								
4304732730	11901	09S 18E 19	GRRV			465636		
MONUMENT FEDERAL 14-21-9-18Y								
4304732726	11902	09S 18E 21	GRRV			468105		
MONUMENT FEDERAL 11-11-9-17Y								
4301331593	11904	09S 17E 11	GRRV			465210		
MONUMENT FEDERAL 31-22-8-17								
4301331587	11917	08S 17E 22	GRRV			467846		
MONUMENT FEDERAL 33-6-9-16Y								
4301331589	11933	09S 16E 6	GRRV			474396		
TOTALS								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

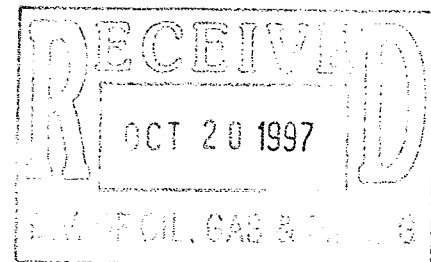
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

*Patsy Barreau*  
Patsy Barreau

/pb  
encls.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

*Chris A. Potter*

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

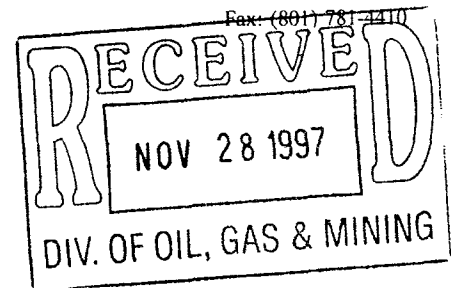
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08438

November 10, 1997



Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

Re: <sup>43-013-31589</sup> Well No. Mon. Fed. 33-6-9-16Y  
NWSE, Sec. 6, T9S, R16E  
Lease U-74390  
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company  
ABO Petro Corp  
Myco Industries Inc  
Yates Drilling Co.  
Yates Petro Corp



# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

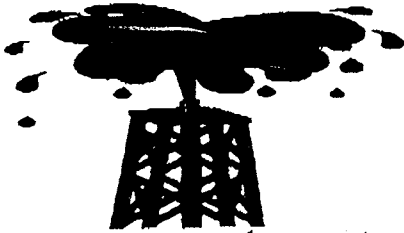
Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad

Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: *Lisha*  
*St of Utah.*

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*  
*Call if you need anything*  
*further.*

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-DEC	6-MPC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31589</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
- lec 6. Cardex file has been updated for each well listed above. *(12-3-97)*
- lec 7. Well file labels have been updated for each well listed above. *(12-3-97)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

### BOND VERIFICATION - (FEE WELLS ONLY)

- N/A lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operator's bond files.
- \_\_\_\_ 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A <sup>12/5/97</sup> 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

### FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

### FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

### COMMENTS

991202 BLM/Vemel Aprv. Nov. 10, 13 & 20, 1997.

## WEST POINT UNIT WELL LISTING

AS OF 7/13/98

T. 8 &amp; 9S, R. 16E

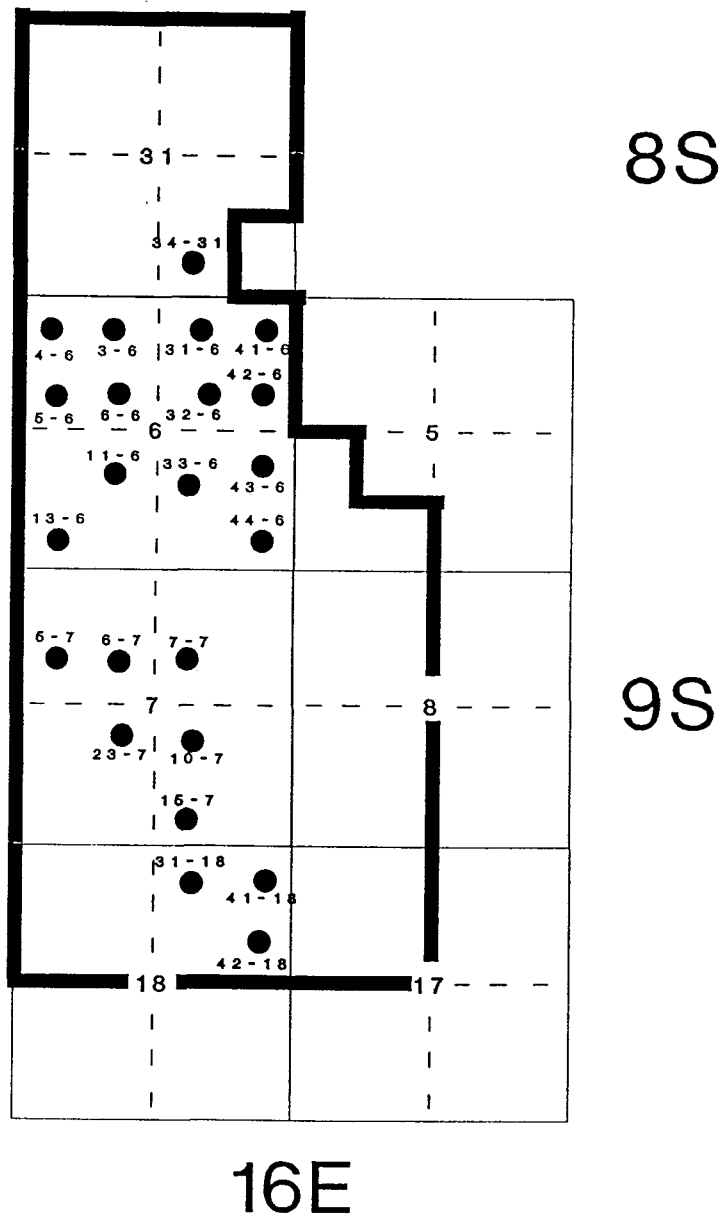
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-06-09-16Y	PROD	4301331730	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331559	11933
6	WEST POINT UNIT	FED 44-06-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332200	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332204	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332201	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332202	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332203	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.



# WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY  
ALLOCATION

FEDERAL 100%

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1850 FSL 1850 FEL NW/SE Section 6, T09S R16E**

5. Lease Designation and Serial No.

**UTU-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

8. Well Name and No.

**MONUMENT FEDERAL 33-6-9-16Y**

9. API Well No.

**43-013-31589**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

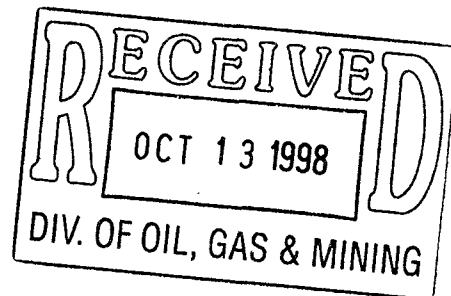
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lubie E. Knight

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company

## Site Facility Diagram

Monument Federal 33-6Y

NW/SE Sec. 6, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

### Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

### Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

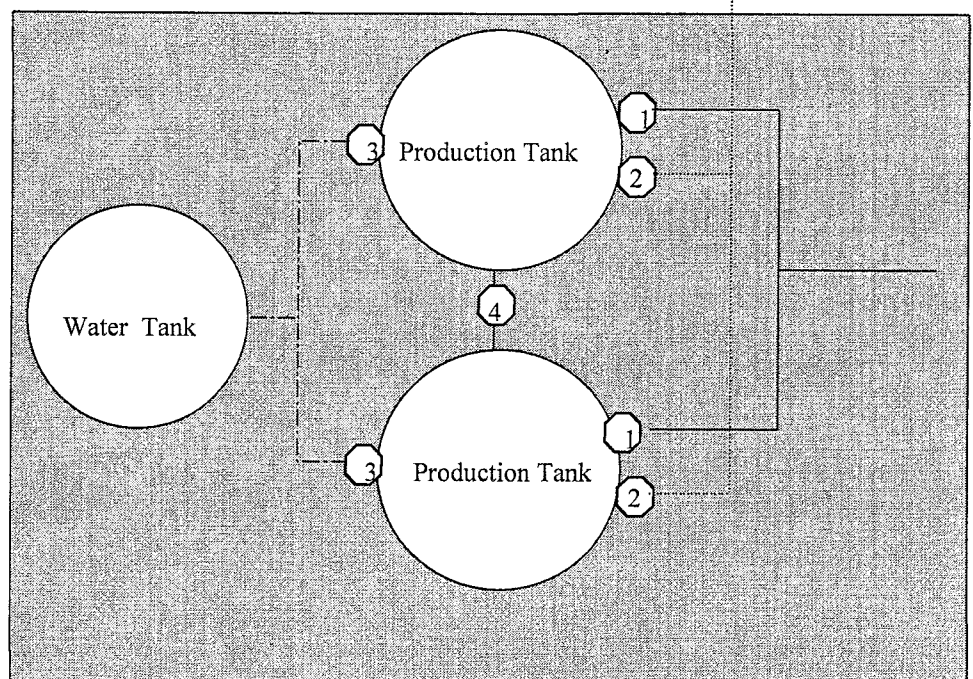
### Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line	.....
Load Line	————
Water Line	- - - - -
Gas Sales	— · — · — ·



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 18 2005  
DIV. OF OIL, GAS & MINING  
FORM APPROVED  
OMB 1004-035  
Expires January 31, 2004  
**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850 FSL 1850 FEL

NW/SE Section 6 T9S R16E

5. Lease Serial No.

UTU74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

WEST POINT UNIT

8. Well Name and No.

MON FED 33-6-9-16Y

9. API Well No.

4301331589

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Unassigned, NA

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Subject well had recompleat procedures initiated in the Green River formation on 10/15/04. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: CP5 sands @ 5734-5742' (4 JSPF) fraced w/24,608# 20/40 sand in 239 bbls Lightning 17 fluid. Fracs were flowed back through chokes; Stage #2: A1 sands @ 5262-5268', 5256-5260' (4 JSPF) fraced w/4,500# 20/40 sand in 80 bbls Lightning 17 fluid; Stage #3: D1 sands @ 4854-4859' (reperf), 4845-4853' (reperf) (4 JSPF) fracked w/ 50,151# of 20/40 sand in 405 bbls of Lightning 17 fluid; Stage #4: GB6 sands @ 4406-4412' (4 JSPF) fraced w/19,962# 20/40 sand in 240 bbls Lighting 17 fluid. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5762', pump seating nipple @ 5798', and end of tubing string @ 5829'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 11-23-04.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Renee Palmer

Title

Production Clerk

Signature

Date

1/14/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****WEST POINT (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315890000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2012 <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The subject well has been converted from a producing oil well to an injection well on 08/20/2012. New intervals perforated, B1 sands - 5105-5108' 3 JSPF, B2 sands - 5146-5149' 3 JSPF, B.5 sands - 5073-5076' 3 JSPF, C sands - 5019-5022' 3 JSPF, & D3 sands - 4955-4956' 3 JSPF. On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was an State representative available to witness the test - Chris Jensen.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          August 24, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/22/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 8/21/12 Time 11:00 ☒ am ☐ pm  
Test Conducted by: Dale Giles  
Others Present: \_\_\_\_\_

Well: West Point 3-6X-9-16Field: Monument ButteWell Location: NWSE, 6, T9S, R16EAPI No: 4301331589

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1120</u>	psig
5	<u>1120</u>	psig
10	<u>1120</u>	psig
15	<u>1120</u>	psig
20	<u>1120</u>	psig
25	<u>1120</u>	psig
30 min	<u>1120</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 300 psig

Result:

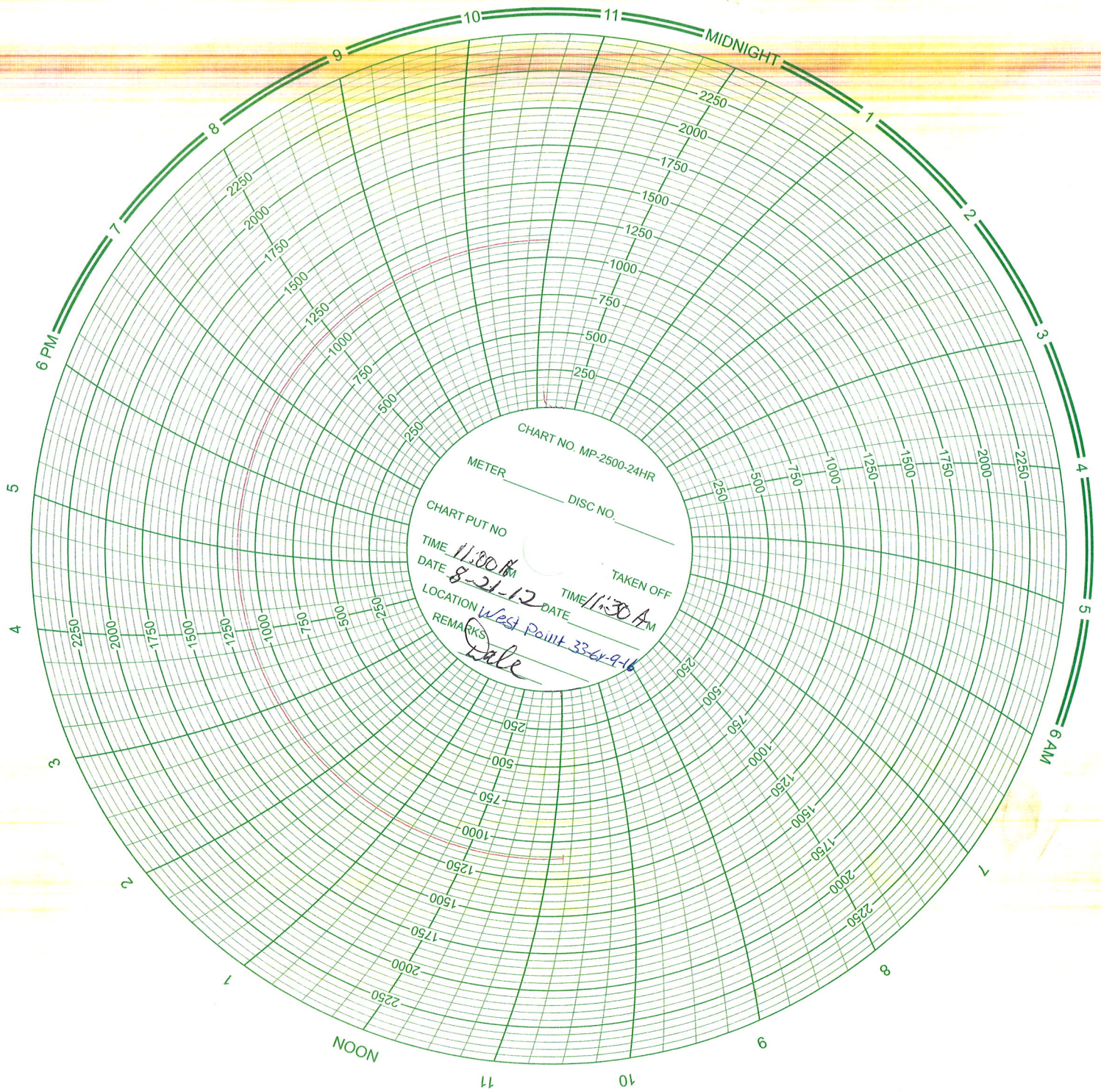
☒ Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_







## Daily Activity Report

Format For Sundry

MON 33-6Y-9-16

6/1/2012 To 10/30/2012

8/14/2012 Day: 1

Conversion

WWS #7 on 8/14/2012 - MIRUSU, Pooh w/ rods change over to tbg. Equip. rls TAC - R/D move from R-6-9-16, MIRUSU - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Hold pre job safety meeting, review JSA's - R/D move from R-6-9-16, MIRUSU - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls, - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Hold pre job safety meeting, review JSA's - Hold pre job safety meeting, review JSA's - R/D move from R-6-9-16, MIRUSU - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls, - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls,

**Daily Cost:** \$0

**Cumulative Cost:** \$7,115

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8/15/2012 Day: 2

Conversion

WWS #7 on 8/15/2012 - POOH w/tbg, RT bit & scraper - SITP 0, SICP 0. TOO H taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Crew travel & safety meeting: communication - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - TOO H w/80 jts 2 7/8" N-80 tbg. SDFN - Crew travel to WWS safety meeting - Crew travel & safety meeting: communication - SITP 0, SICP 0. TOO H taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - TOO H w/80 jts 2 7/8" N-80 tbg. SDFN - Crew travel to WWS safety meeting - Crew travel & safety meeting: communication - SITP 0, SICP 0. TOO H taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - Crew travel to WWS safety meeting - TOO H w/80 jts 2 7/8" N-80 tbg. SDFN

**Daily Cost:** \$0

**Cumulative Cost:** \$14,315

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8/16/2012 Day: 4

Conversion

WWS #7 on 8/16/2012 - RU Frac crew & Frac B-2 sds, B-1 sds & B-.5 sds. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release



tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - SeT PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - SeT PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOH w/tbg & LD scraper. - Continue TOOH w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug



@ 5090' Set pkr @ 5034' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOH w/tbg & LD scraper. - Continue TOOH w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - Release pkr & reverse tbg clean. TIH & circulate sand off



plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - SeT PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - SeT PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOH w/tbg & LD scraper. - Continue TOOH w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,136

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## 8/17/2012 Day: 5

## Conversion

WWS #7 on 8/17/2012 - Frac C-Sands & D-3 Sands, TOOH LD N-80 tbg. MU RIH w/ conversion pkr. - TOOH LD 191-jts 2 7/8" N-80 tbg & tools. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 4990' Set pkr @ 5003.' - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLs - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools - TOOH LD 191-jts 2 7/8" N-80 tbg & tools. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide, 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8' x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - Crew Travel. - Crew Travel - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 4990' Set pkr @ 5003.' - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - RU flow back equipment. Open



well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLS - Crew Travel. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide , 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8" x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - TOOHD 191-jts 2 7/8" N-80 tbg & tools. - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLS - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOHD. Set plug @ 4990' Set pkr @ 5003.' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Crew Travel - Crew Travel. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide , 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8" x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - Crew Travel - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$144,859

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**8/20/2012 Day: 6****Conversion**

WWS #7 on 8/20/2012 - TIH W/ tbg & PKR. Land & test well. - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RD rig & load out equip. RDMO - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - Crew Travel & Safety Meeting - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RIH w/ sand line & retrieve std valve. POOH w/ sand line. - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - RD rig & load out equip. RDMO - Crew Travel & Safety Meeting - RIH w/ sand line & retrieve std valve. POOH w/ sand line. - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - RD rig & load out equip. RDMO - Crew Travel & Safety Meeting - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RIH w/ sand line & retrieve std valve. POOH w/ sand line. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$164,062

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**8/22/2012 Day: 7****Conversion**

Rigless on 8/22/2012 - Conduct initial MIT - On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On

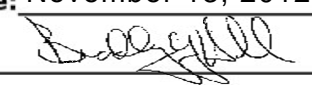
08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$245,832

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**Pertinent Files:** [Go to File List](#)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315890000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 2:45 PM on 11/06/2012.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> November 13, 2012  <b>By:</b>  </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/7/2012	



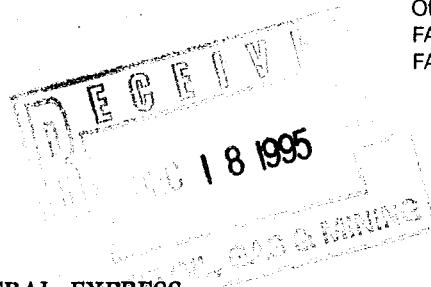
**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

December 14, 1995



-- VIA FEDERAL EXPRESS --

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

As operator, we request that the status be held tight in accordance with Federal regulations.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-74390
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division			7. UNIT AGREEMENT NAME n/a
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102			8. FARM OR LEASE NAME Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface NW SE Section 6, T9S, R16E 1850' FSL 1850' FEL 563M 563M At proposed prod. zone			9. WELL NO. #33-6-9-16Y
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah, approximately 12 miles SW			10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T9S, R16E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH Duchesne
16. NO. OF ACRES IN LEASE 18 18 1995			13. STATE UTAH
19. PROPOSED DEPTH 6,150'			17. NO. OF ACRES ASSIGNED TO THIS WELL
20. ROTARY OR CABLE TOOLS Rotary			22. APPROX. DATE WORK WILL START* March 1, 1996
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5867'			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

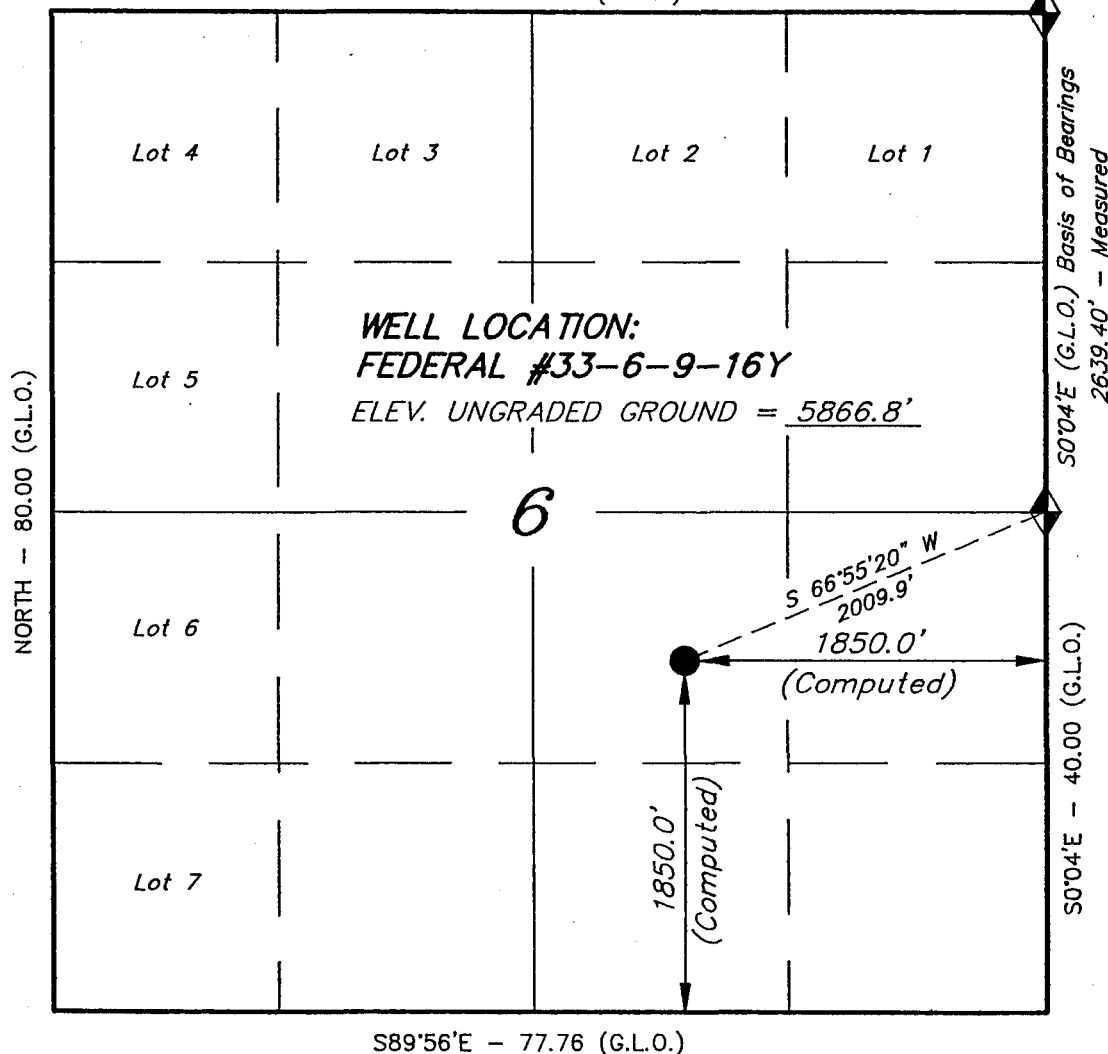
24. SIGNED <u>Bobbie Schuman</u>	TITLE <u>Regulatory and Environmental Specialist</u>	DATE <u>December 14, 1995</u>
(This space for Federal or State office use)		
PERMIT NO. <u>43-013-31589</u>	APPROVAL DATE <u>1/15/96</u>	
APPROVED BY <u>JR Matthews</u>	TITLE <u>Petroleum Engineer</u>	DATE <u>1/15/96</u>
CONDITIONS OF APPROVAL, IF ANY:		

\*See Instructions On Reverse Side

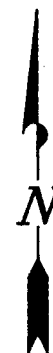
T9S, R16E, S.L.B.&amp;M.

**EQUITABLE RESOURCES ENERGY CO.**

S89°57'E - 77.68 (G.L.O.)



WELL LOCATION, FEDERAL #33-6-9-16Y,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 6, T9S, R16E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 10441024  
STATE OF UTAH

GENE STEWART

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH VERNAL, UTAH 84078  
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

NW SE Section 6, T9S, R16E

1850' FS

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 12 miles SW

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

DIV OF OIL, GAS & MINING

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

19. PROPOSED DEPTH

6,150'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5867'

22. APPROX. DATE WORK WILL START\*

March 1, 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Bobbie Schuman*

TITLE

Regulatory and  
Environmental Specialist

DATE

*December 14, 1995*

(This space for Federal or State office use)

PERMIT NO.

*43-013-31589*

APPROVAL DATE

APPROVED BY

*J. Matthews*

TITLE

*Petroleum Engineer*

DATE

*4/15/96*

CONDITIONS OF APPROVAL, IF ANY:

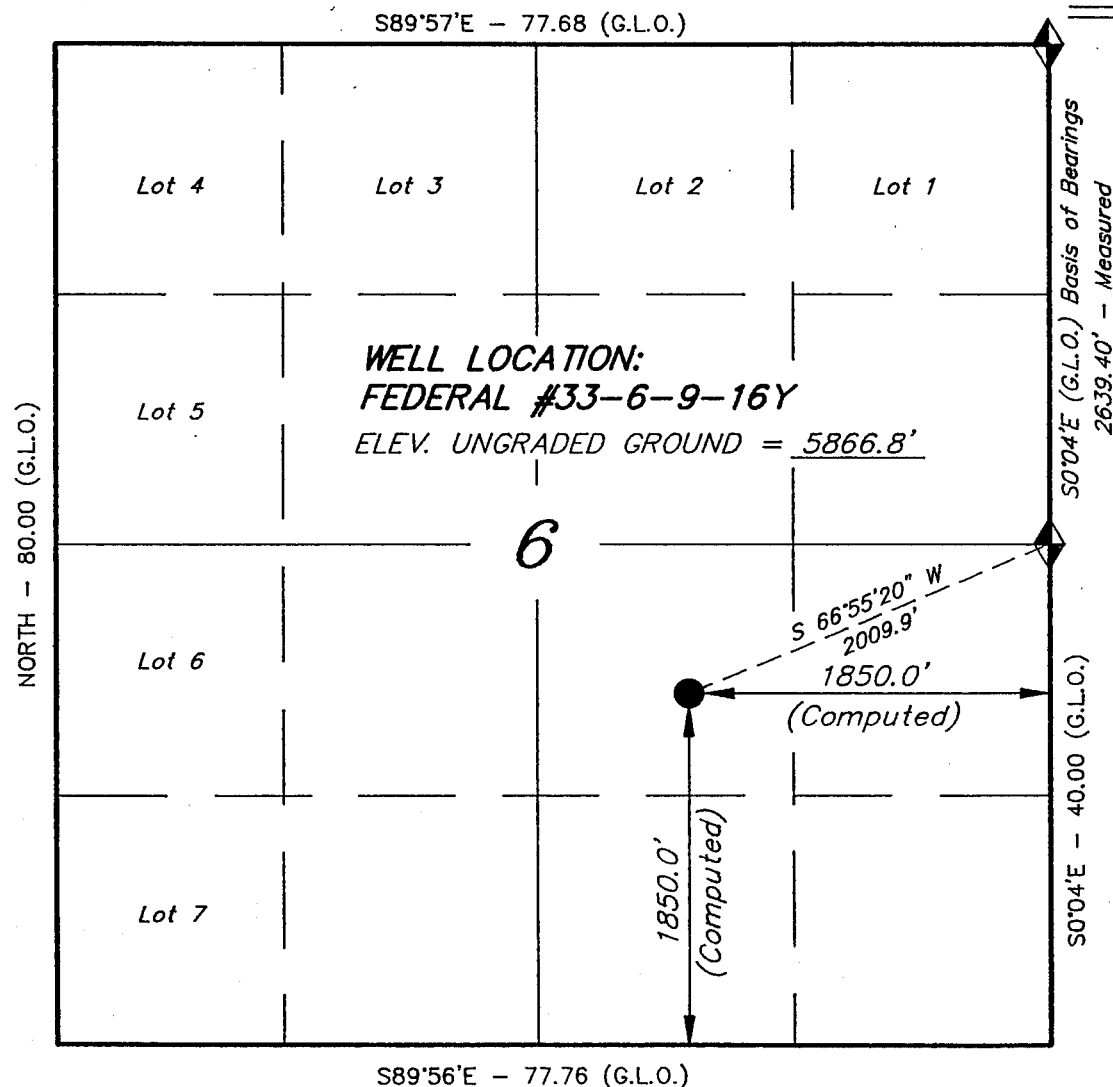
\*See Instructions On Reverse Side



*T9S, R16E, S.L.B.&M.*

**EQUITABLE RESOURCES ENERGY CO.**

WELL LOCATION, FEDERAL #33-6-9-16Y,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 6, T9S, R16E, S.L.B.&M.  
DUCHESE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS.  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

RECEIVED  
GENE STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 10241024  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST, 100 NORTH - VERNAL, UTAH 84078

(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

## EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

11/30/95  
/rs

# **CONFIDENTIAL**

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company,  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860**

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 1.7 miles to the intersection of Nine Mile Canyon Road. Stay right and continue 8.0 miles to a road intersection. Turn right and proceed 0.4 miles to proposed access road sign. Follow flags 500' to location.
- b. Existing roadway (2-track trail) will need to be upgraded for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 500' of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.
- e. Maximum grade: < 8%

- f. Turnouts: None
- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.



- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the North side of the location.

- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the East side at corners 6 and 7.
- h. Access to the wellpad will be from the East between corners 7 and 8.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
  - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
  - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.

- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Operations Manager    Home:    (406) 248-3864  
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor    Mobile: (801) 828-7291  
Home: (801) 781-1018

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

December 14, 1995  
Date

Bobbie Schuman  
Bobbie Schuman  
Regulatory and Environmental  
Specialist  
Equitable Resources Energy  
Company, Balcron Oil Division

EXHIBIT "C"

Well Name	MONUMENT FEDERAL #33-6-9-16Y		Exploratory		Control Well	FED. 32-6-G
Location	NW/SE SECTION 6-T9S-R16E (1850' FSL,		Development	X	Operator	PG & E
County	DUCHESENE 1850' FEL)		Field	MON. BUTTE	KB	5898
State	UTAH		Section	NW/SE 6	Section	SW/NE 6
Total Depth	6150		Township	9S	Township	9S
GL (Ung)	5867	EST. KB 5966	Range	16E	Range	16E

[illegible]

Samples		DST,s	Wellsite Geologist	
50' FROM 1750' TO 4150'		DST #1	Name: _____	
20' FROM 4150' TO TD		DST #2	From: _____ to: _____	
5' THROUGH EXPECTED PAY		DST #3	Address: _____	
5' THROUGH DRILLING BREAKS		DST #4	_____	
			Phone # _____ wk. _____	
			_____ hm. _____	
			Fax # _____	
Logs		Cores		
DLL FROM SURF CSNG TO TD		Core #1	Fax # _____	
LDT/CNL FROM 3900' TO TD		Core #2		
		Core #3	Mud Logger/Hot Wire	
		Core #4	Company: _____	
			Required: (Yes/No) <u>YES</u>	
			Type: <u>2 MAN</u>	
			Logger: _____	
			Phone # _____	
			Fax # _____	
Comments: _____				
_____				
_____				
_____				
Report To: 1st Name: <u>DAVE BICKERSTAFF</u>		Phone # <u>(406)259-7860</u>	wk. <u>(406)245-2261</u>	hm. _____
2nd Name: <u>KEVEN REINSCHMIDT</u>		Phone # <u>(406)259-7860</u>	wk. <u>(406)248-7026</u>	hm. _____
Prepared By: <u>DAVE BICKERSTAFF</u>		11/15/95	Phone # _____	wk. _____ hm. _____



EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

EXHIBIT "D"  
Page 1 of 2

## DRILLING PROGRAM

WELL NAME: Monument Federal #33-6-9-16Y      DATE: 12-11-95  
PROSPECT/FIELD: Monument Butte  
LOCATION: NW/SE Section 16 Twn.9S Rge.16E  
COUNTY: Duchesne  
STATE: Utah

TOTAL DEPTH: 6150'

### HOLE SIZE      INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 6150'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6150'	5 1/2"	15.50	K55

### CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

### PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

### COMMENTS

1.) No cores or tests are planned for this well.

## BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Federal 33-6-9-16Y
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 2260 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Body Yield : 1.50 (B)  
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	6,150	5-1/2"	15.50	K-55	ST&C	6,150	4.825		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips) (kips)		S.F.
1	2875	4040	1.405	2875	4810	1.67	95.33	222	2.33 J

Prepared by : McCoskery, Billings, MT

Date : 11-30-1995

Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,875 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)



EXHIBIT E

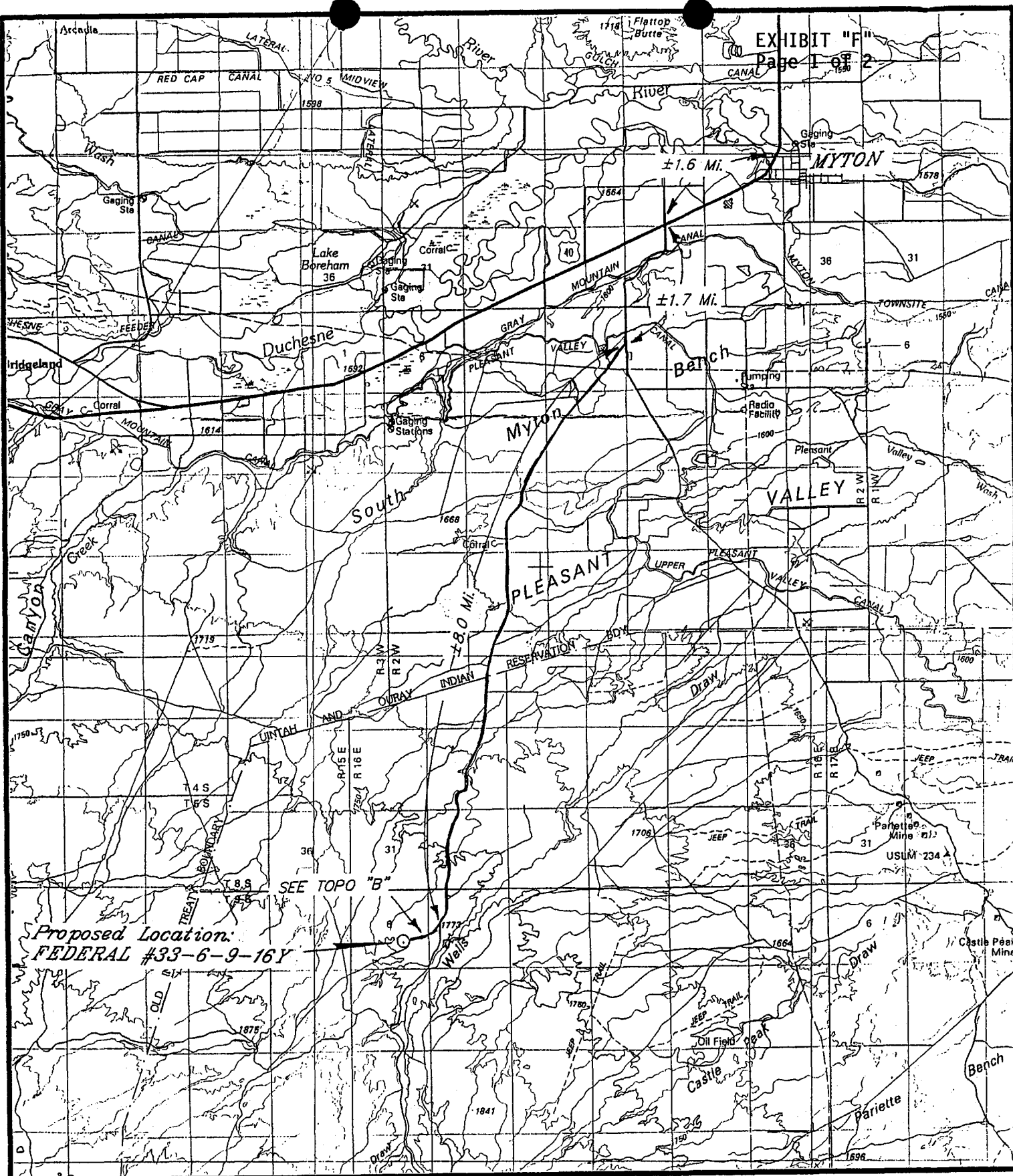
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

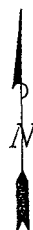
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
Revised 12/7/93  
/rs

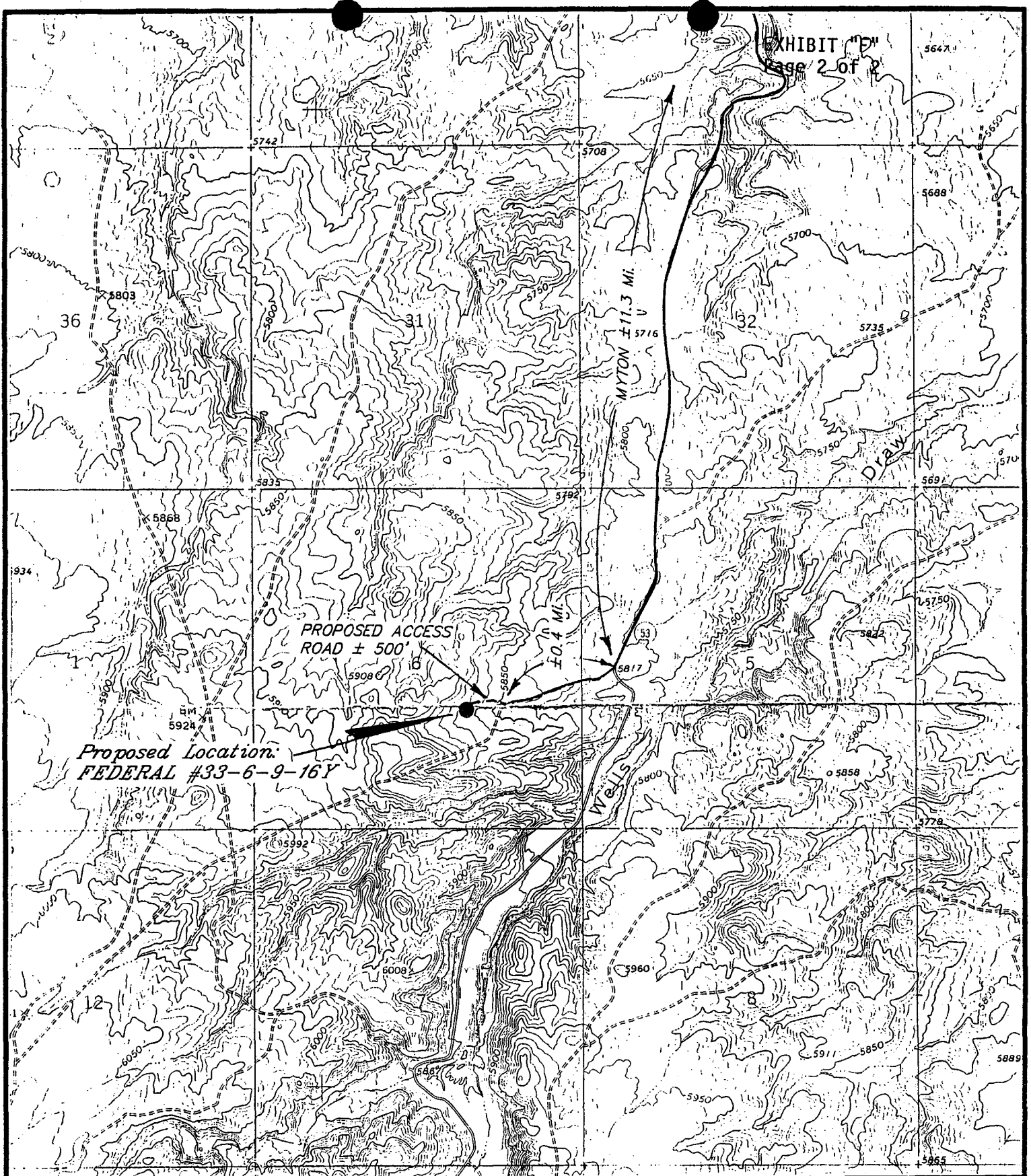


**EQUITABLE RESOURCES CO.**

FEDERAL #33-6-9-16Y  
SEC. 6, T9S, R16E, S.L.B.&M.  
TOPO "A"

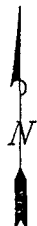


**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



**EQUITABLE RESOURCES CO.**

FEDERAL #33-6-9-16Y  
SEC. 6, T9S, R16E, S.L.B.&M.  
TOPO "B"

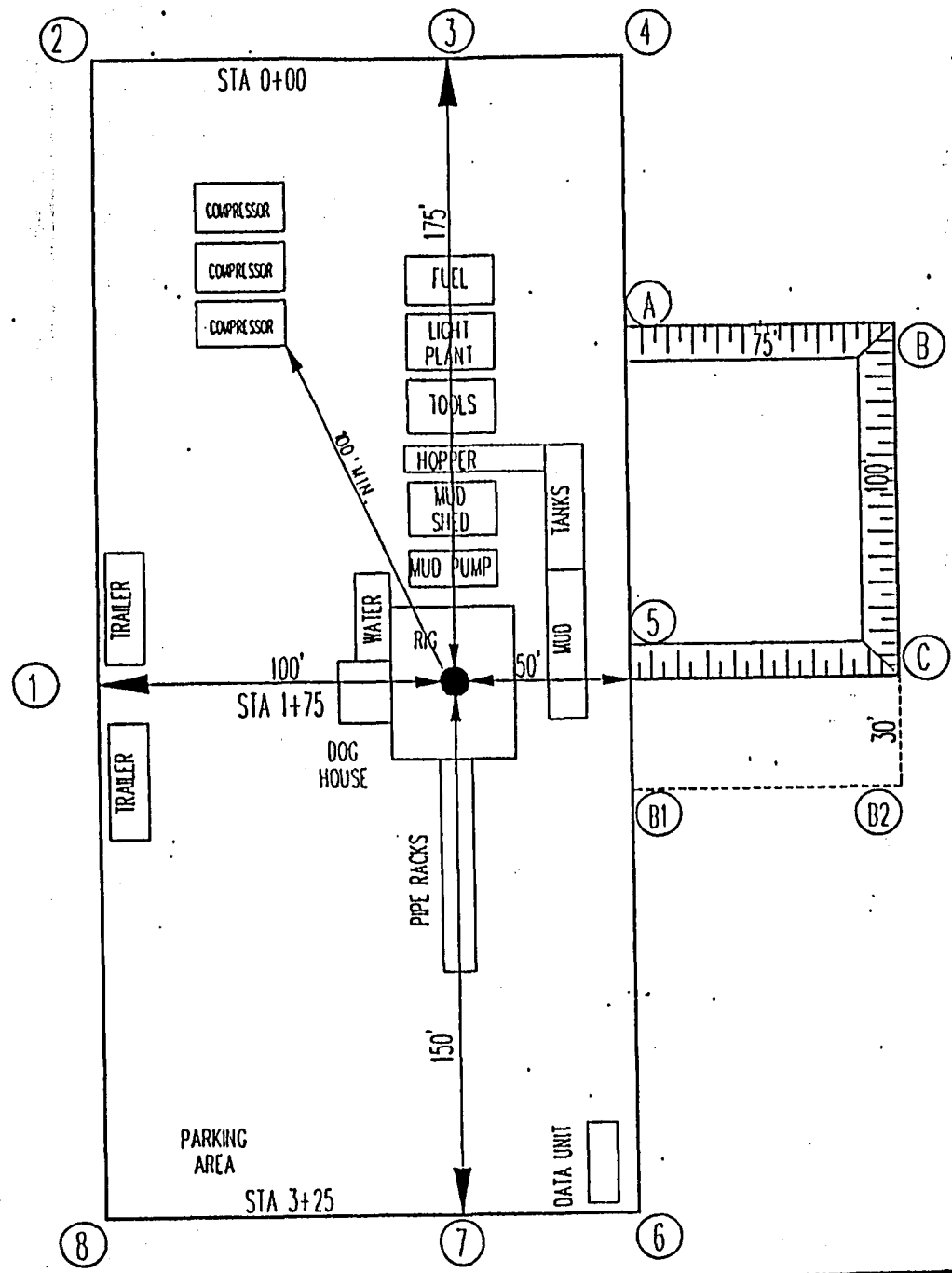


SCALE: 1" = 2000'

**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

# EQUITABLE RESOURCES ENERGY CO.

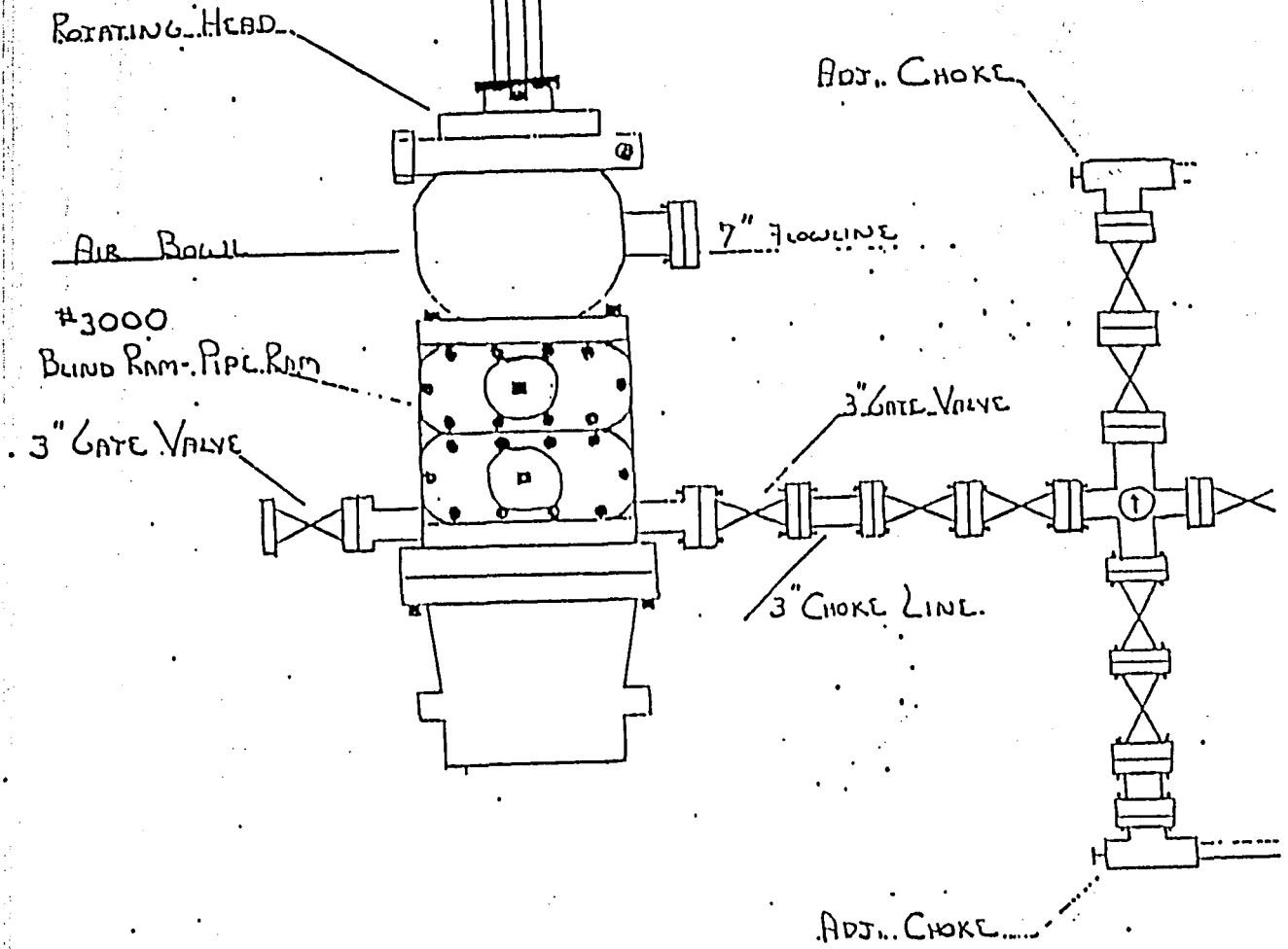
## WELLSITE LAYOUT



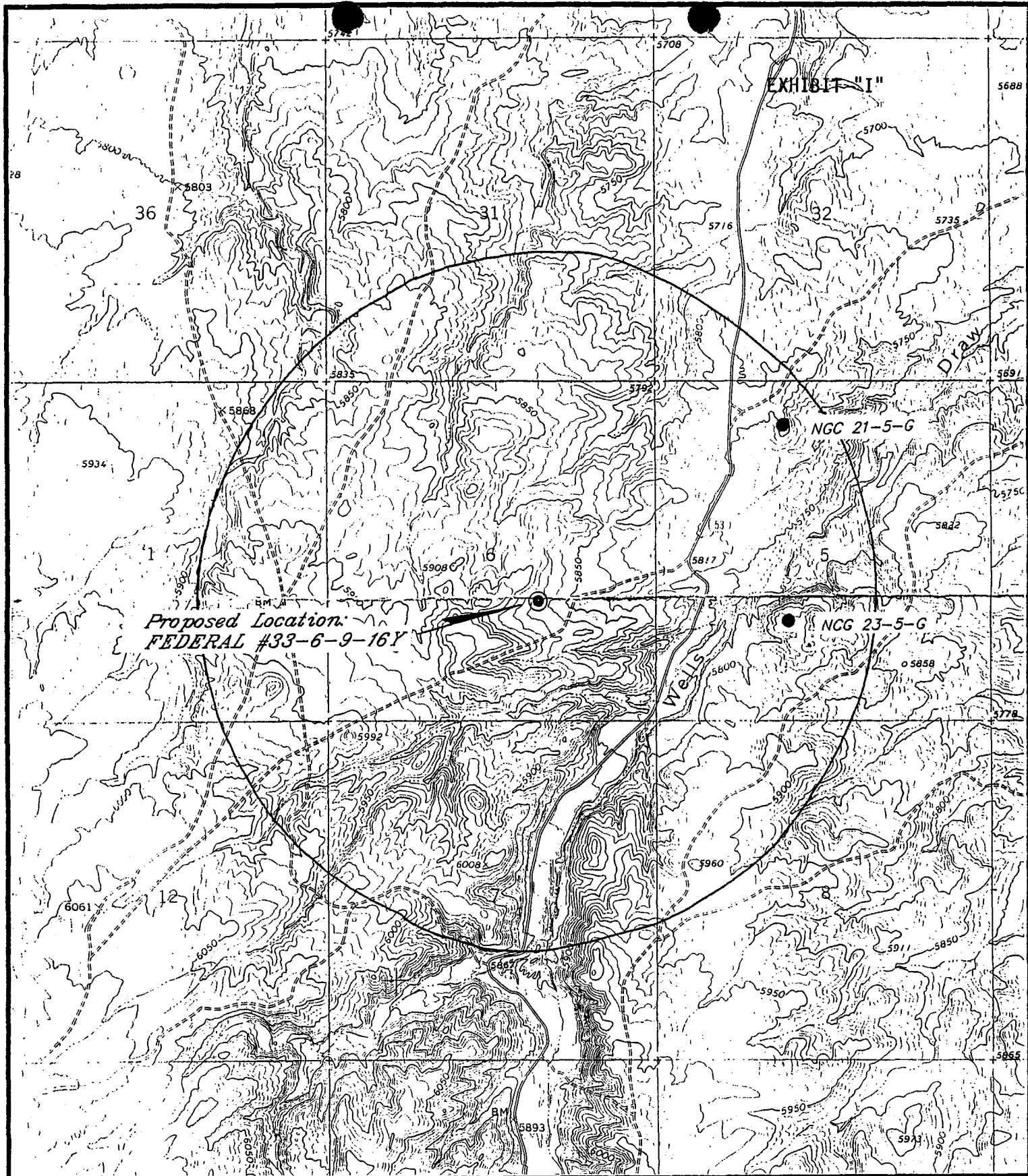
**TRI-STATE**  
**LAND SURVEYING, INC.**  
 38 WEST 100 NORTH, Vernal, UTAH 84078  
 801-781-2501

UNION DRILLING RIG #17

Hex Kelly -

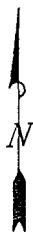


#3000 Stack



**EQUITABLE RESOURCES CO.**

FEDERAL #33-6-9-16Y  
SEC. 6, T9S, R16E, S.L.B.&M.  
TOPO "C"



**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

## PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

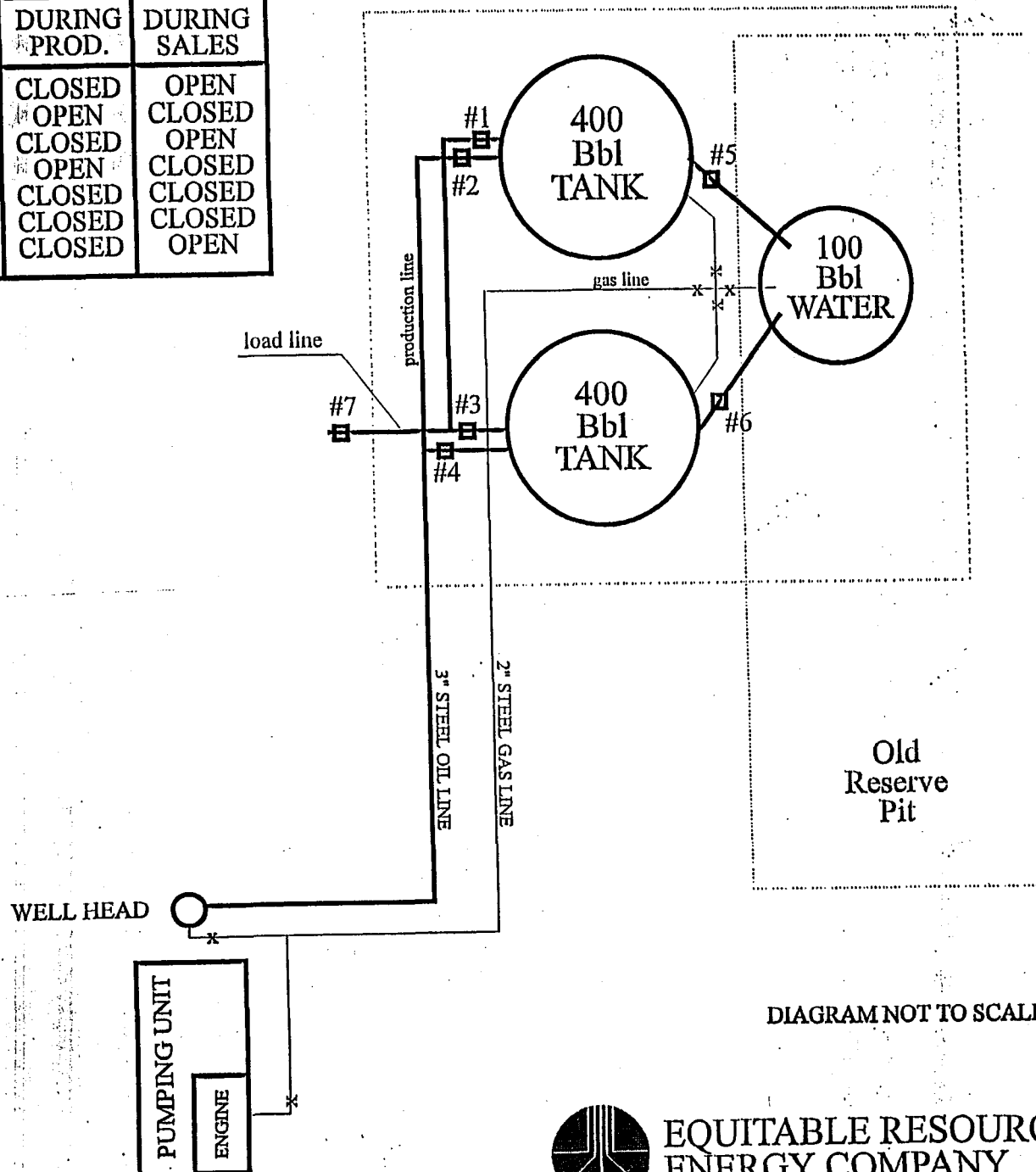
DIKE

DIAGRAM NOT TO SCALE

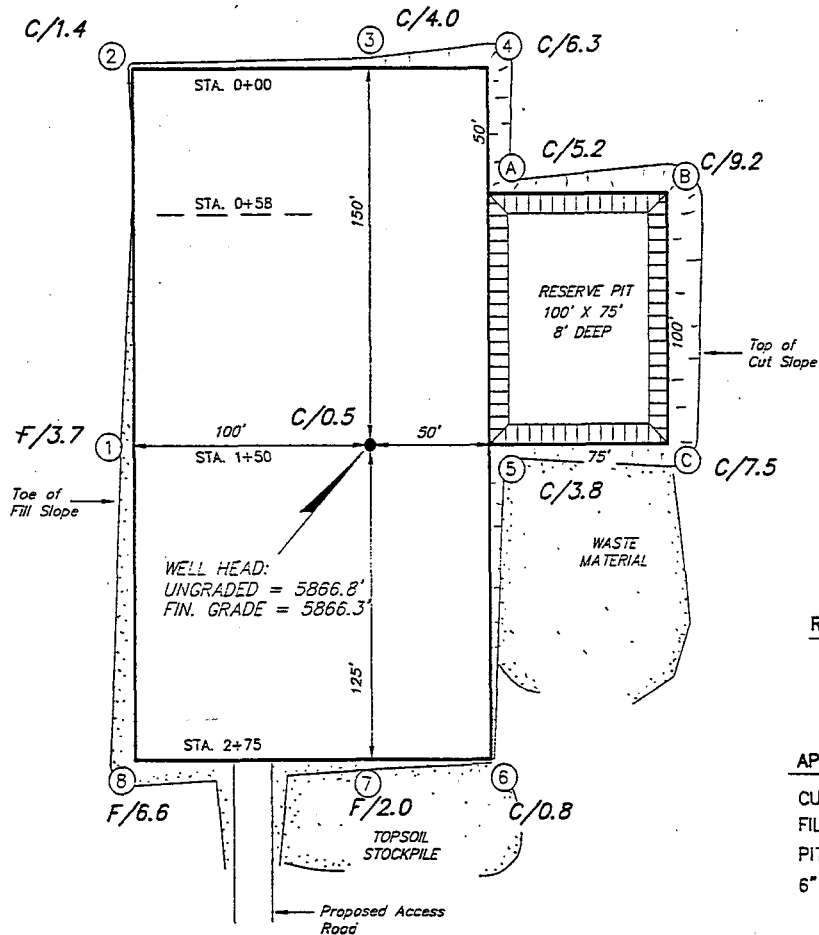
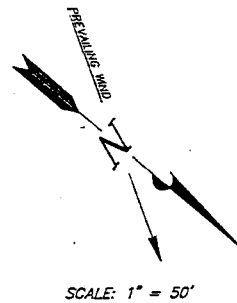
EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue  
Billings, MT 59104-2  
(406) 259-7860

# EQUITABLE RESOURCES ENERGY CO.

FEDERAL #33-6-9-16Y  
SECTION 6, T9S, R16E, S.L.B.&M.

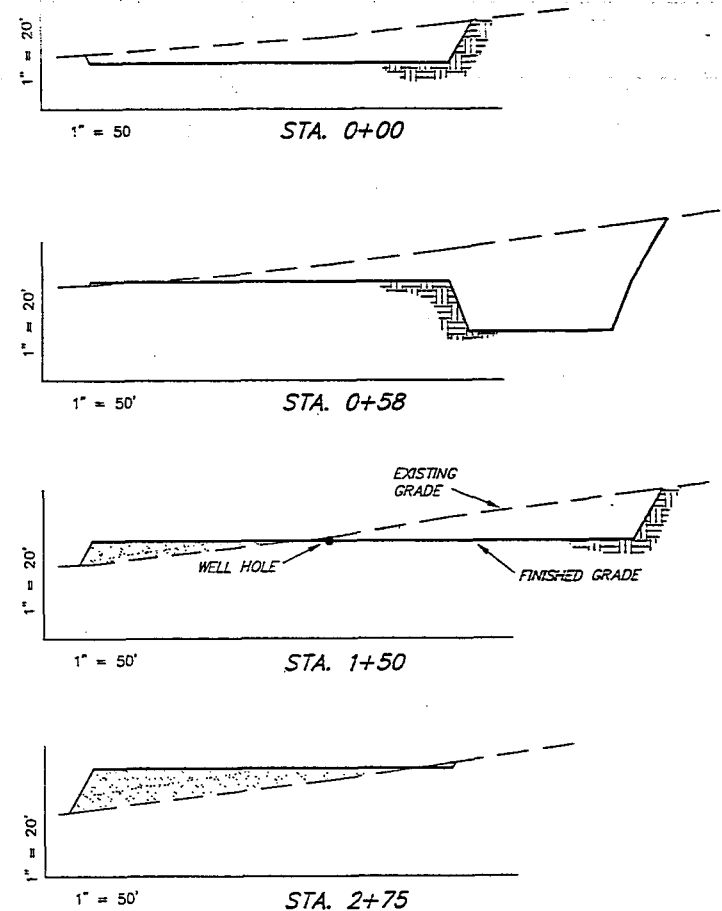


## REFERENCE POINTS

150' SOUTHEAST = 5861.8'  
200' SOUTHEAST = 5861.7'  
200' SOUTHWEST = 5871.3'  
250' SOUTHWEST = 5873.0'

## APPROXIMATE YARDAGES

CUT = 3,110 Cu. Yds.  
FILL = 2,190 Cu. Yds.  
PIT = 1,940 Cu. Yds.  
6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: G.S.
DRAWN BY: J.R.S.
DATE: 10-16-95
SCALE: 1" = 50'
FILE:

**Tri State**  
Land Surveying, Inc.  
(801) 781-2507  
38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "L"



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/18/95

API NO. ASSIGNED: 43-013-31589

WELL NAME: MONUMENT FEDERAL 33-6-9-16Y  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 06 - T09S - R16E  
SURFACE: 1850-FSL-1850-FEL  
BOTTOM: 1850-FSL-1850-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal [Y State [] Fee []  
(Number 5547188)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number 47-1674)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
✓ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: EQUITABLE RESOURCES</b>	<b>Well Name: MON FED 33-6-9-16Y</b>
<b>Project ID: 43-013-31589</b>	<b>Location: SEC. 6 - T9S - R16E</b>

**Design Parameters:**

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2422 psi  
 Internal gradient (burst) : 0.068 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

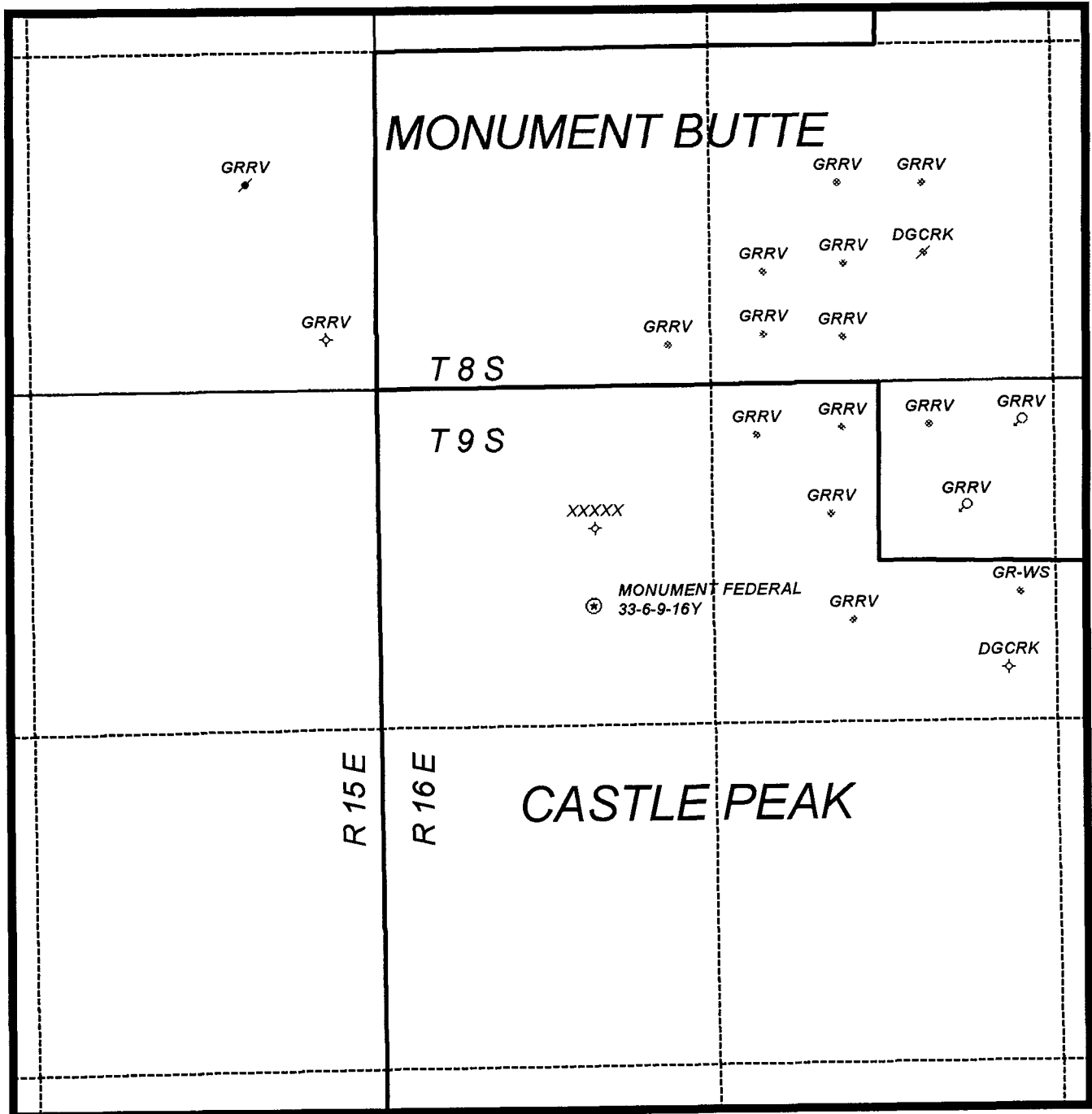
Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,150	5.500	15.50	K-55	ST&C	6,150	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2843	4040	1.421	2843	4810	1.69	95.33	222 2.33 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 04-15-1996  
 Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 117°F (Surface 74°F , BHT 160°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,843 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EQUITABLE RESOURCES  
DEVELOPMENT DRILLING  
MONUMENT BUTTE AREA  
SEC. 6, T9S, R16E  
DUCHESNE COUNTY



JAN 2 1996

EQUITABLE RESOURCES CO.

FEDERAL #33-6-9-16Y

Section 6, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
235 EAST MAIN  
VERNAL, UTAH 84078

December 9, 1995

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. FEDERAL #33-6-9-16Y,  
Section 6, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 9 miles south and 5 miles west of Myton, Utah on a bench west of Wells Draw. Most of the surface is composed of angular rocks fragments and sand. Lower Uinta Formation is exposed north of the wellpad on a hill. Wellpad appears to have a thin layer of slope wash.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

No fossils were found on this location or proposed access road.

Recommendations-

No recommendations are being made for paleontology at this location.

Alden H. Hamblin  
Paleontologist

Date December 9, 1995



*Tri State*  
*Land Surveying, Inc.*  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

FEB - 5 1996

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

January 30, 1996

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078-2799

Gentlemen:

Enclosed are the Archeological Reports for the following Monument Federal wells:  
#34-3-9-17Y, #31-9-10-17Y, #32-10-9-17Y, #11-11-9-17Y, #14-21-9-18Y, #43-  
19-9-18Y, #32-20-9-18Y, #33-22-8-17Y, #33-17-9-17B, #23-17-9-17B, #44-31-  
8-18Y, #33-6-9-16Y, and #41-35-9-18Y.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining

**CULTURAL RESOURCE EVALUATION** 7-11-96  
**OF THIRTEEN PROPOSED WELL LOCATIONS & ACCESS ROUTES**  
**IN THE CASTLE PEAK DRAW LOCALITY OF**  
**DUCHESNE & UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Division  
(Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y)

Dept. of Interior Permit No.: UT-95-54937  
AERC Project 1512 (BLCR-95-8B)

Utah State Project No.: UT-95-AF-773b

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
Bountiful, Utah 84010

January 23, 1996



## **ABSTRACT**

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of thirteen proposed well locations (Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y) and their 3.1 miles of associated access routes situated on public lands administered by the Bureau of Land Management, Vernal District. This project area is located in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 167.53 acres, of which 130 acres were associated with the well pads and an additional 37.53 acres were associated with the various access routes. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci of significance were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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## **GENERAL INFORMATION**

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved thirteen proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 8). These well locations include Monument Federal Units 34-3-9-17Y, 31-9-10-17Y, 32-10-9-17Y, 11-11-9-17Y, 14-21-9-18Y, 43-19-9-18Y, 32-20-9-18Y, 33-22-8-17Y, 33-17-9-17B, 23-17-9-17B, 44-31-8-18Y, 33-6-9-16Y, and 41-35-9-18Y. An area of ten acres was inventoried for each well pad for a total of 130 acres. About 3.1 miles of access routes totaling some 37.53 acres was also examined for cultural resource presence for a total of 167.53 acres. All of these well locations and access routes are situated on public lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404; the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

### **Project Location**

The project location is in the Castle Peak Draw, Pariette Bench, Wells Draw, Pleasant Valley, Eightmile Flat, and Desert Spring Wash localities of Duchesne and Uintah Counties, Utah. The various locations are shown on the Pariette Draw SW, Myton SE, Myton SW, and Moon Bottom 7.5 minute topographic quads (see Maps 2-8).

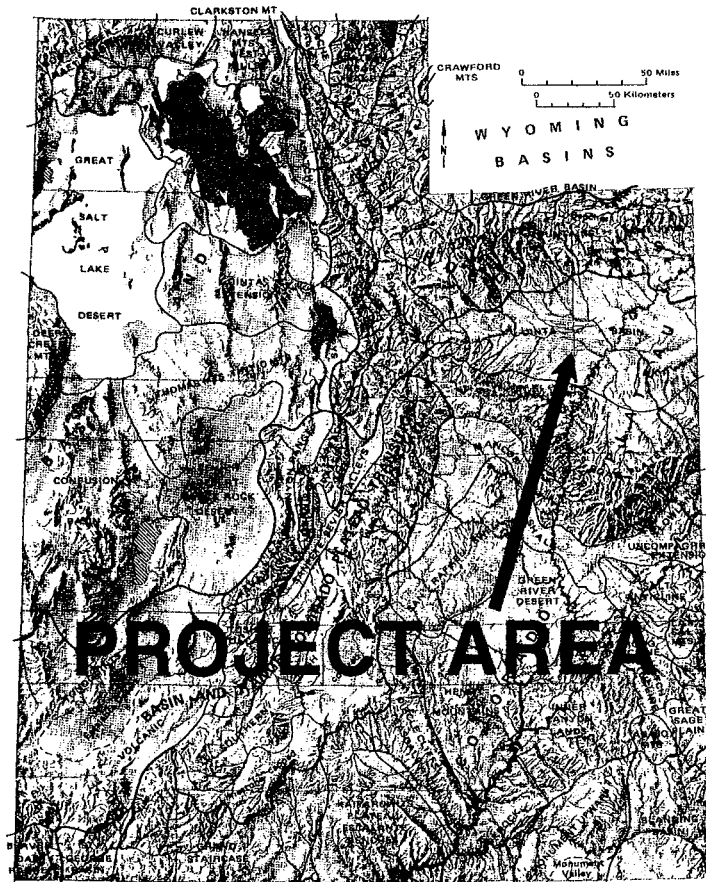
Monument Federal Unit 34-3-9-17Y is situated in the Southwest quarter of the Southeast quarter of Section 3, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 31-10-9-17Y is situated in the Northwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

MAP 1: GENERAL PROJECT LOCALITY  
IN  
UINTAH AND DUCHESNE COUNTIES  
UTAH



PROJECT: BLCR - 95 - 8B  
SCALE: see below  
QUAD: see below  
DATE: January 22, 1996



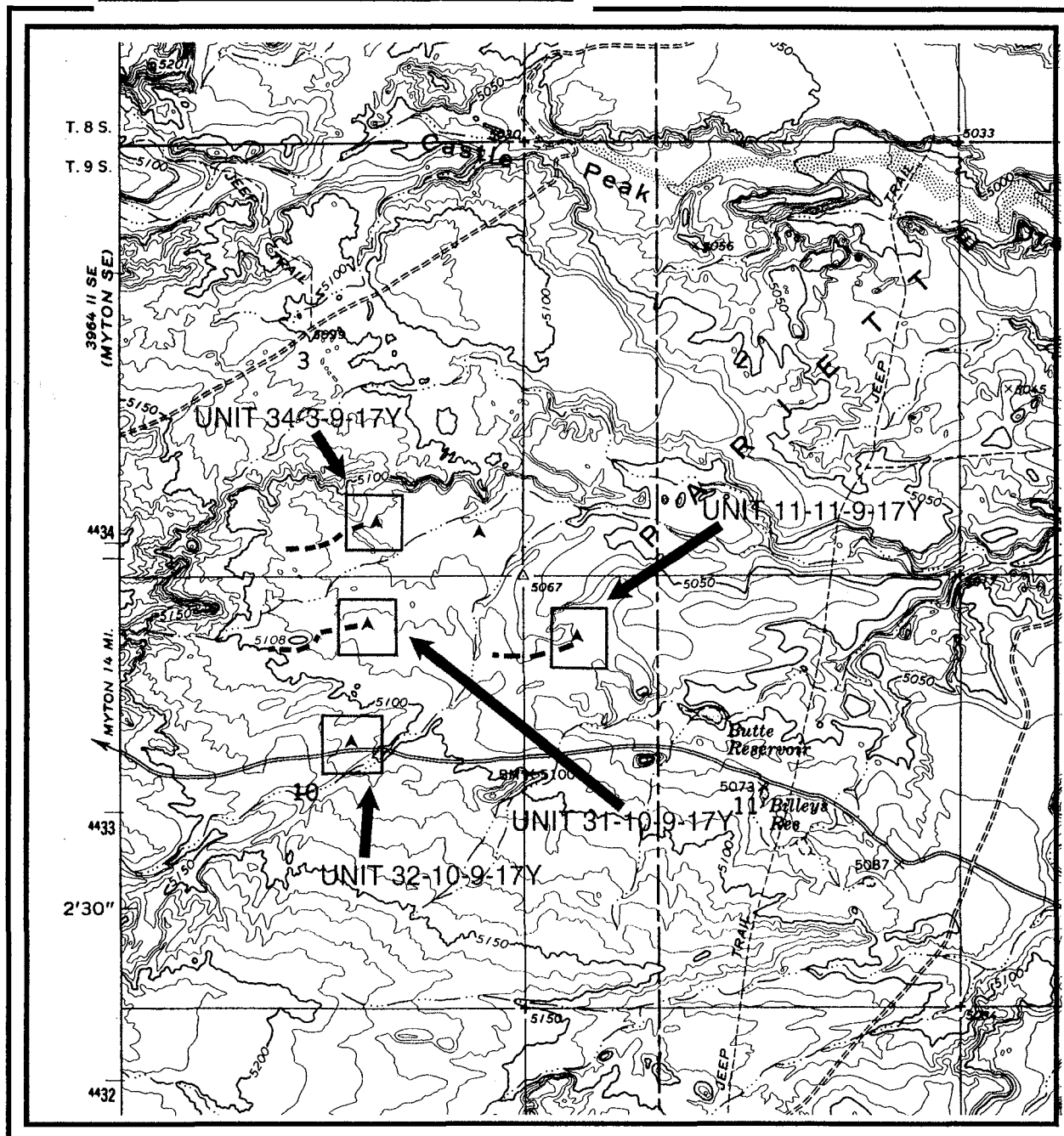
UTAH GEOLOGICAL AND MINERAL SURVEY  
MAP 43  
1977  
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH  
BY W.L. STOKES



TOWNSHIP: MULTIPLE  
RANGE: MULTIPLE  
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE CASTLE PEAK DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Pariette Draw SE, Utah  
DATE: January 22, 1996



**LEGEND**

Well Location ▲

Ten Acre

Access Route ———

Survey

Area



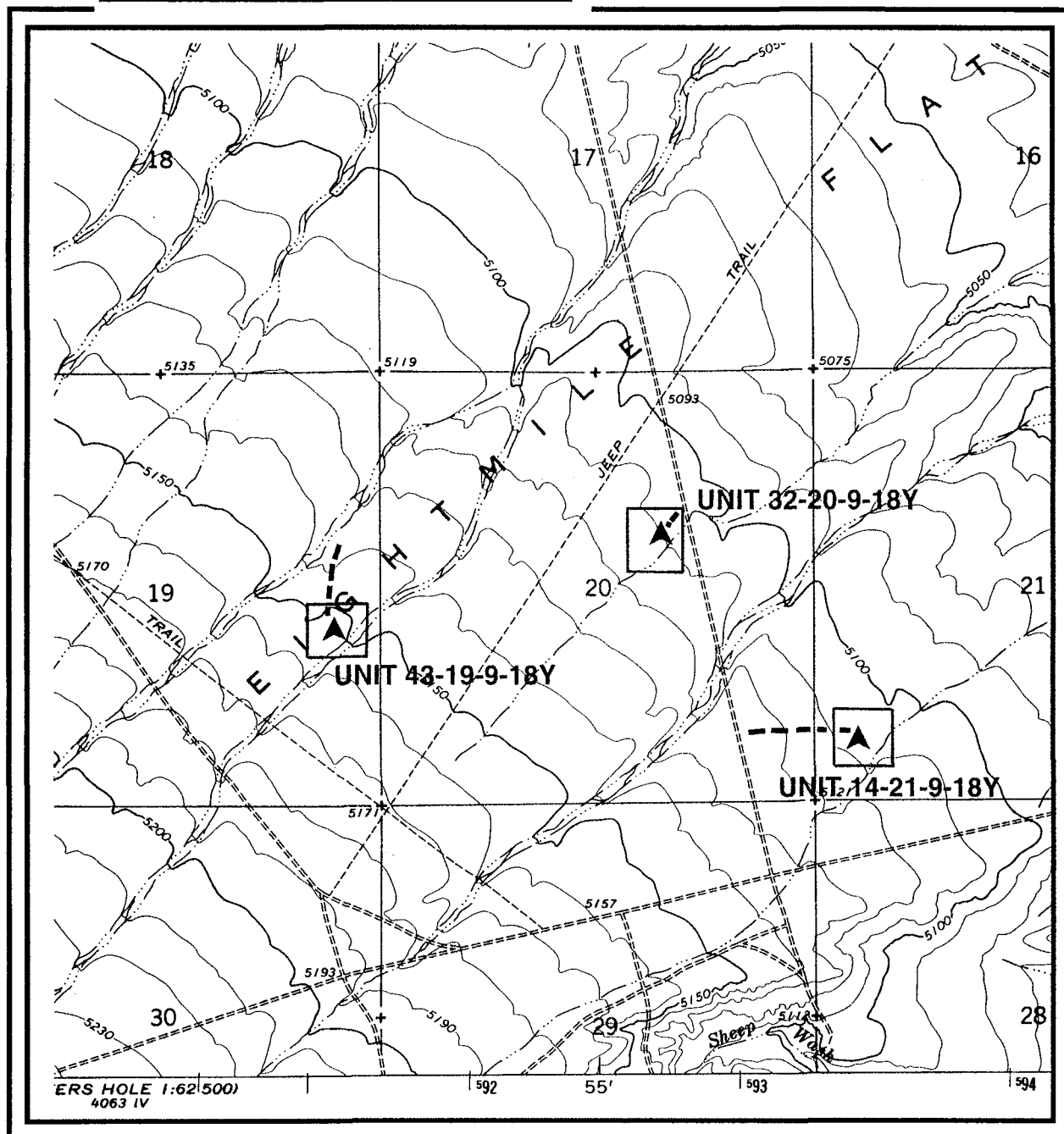
TOWNSHIP: 9 South  
RANGE: 17 East  
MERIDIAN: Salt Lake B. & M.

UTAH

**MAP 3: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE EIGHTMILE FLAT  
LOCALITY OF UINTAH COUNTY,  
UTAH**



PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Pariette Draw SE, Utah  
DATE: January 22, 1996

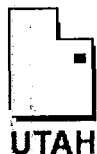


**LEGEND**

Well Location

Access Route

Ten Acre  
Survey  
Area

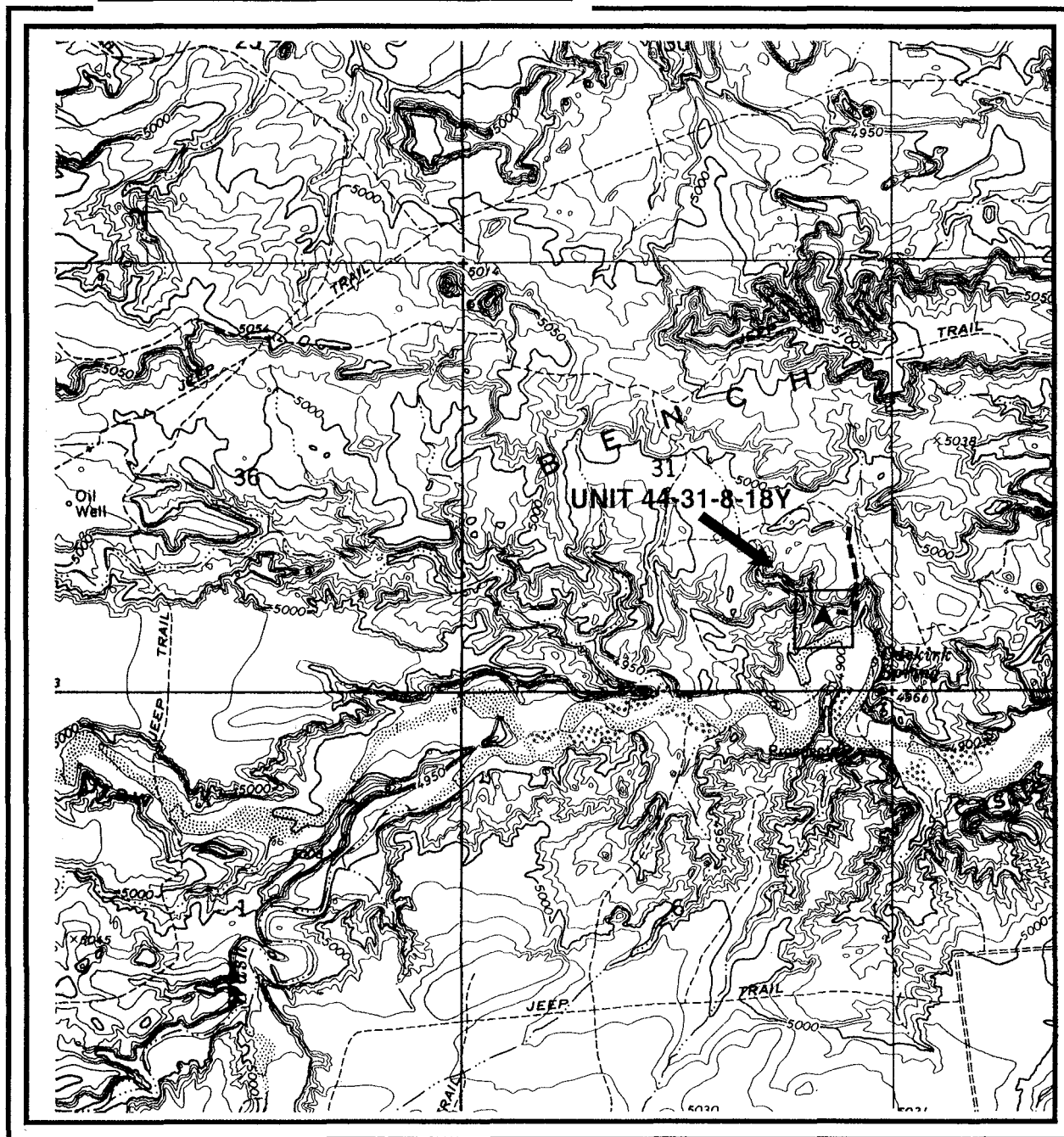


TOWNSHIP: 9 South  
RANGE: 18 East  
MERIDIAN: Salt Lake B. & M.

UTAH

**MAP 4: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 44-31-8-18Y  
IN THE CASTLE PEAK DRAW  
LOCALITY OF UINTAH COUNTY,  
UTAH**

**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 22, 1996



**LEGEND**

**TOWNSHIP:** 8 South  
**RANGE:** 18 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route



Ten Acre  
Survey  
Area

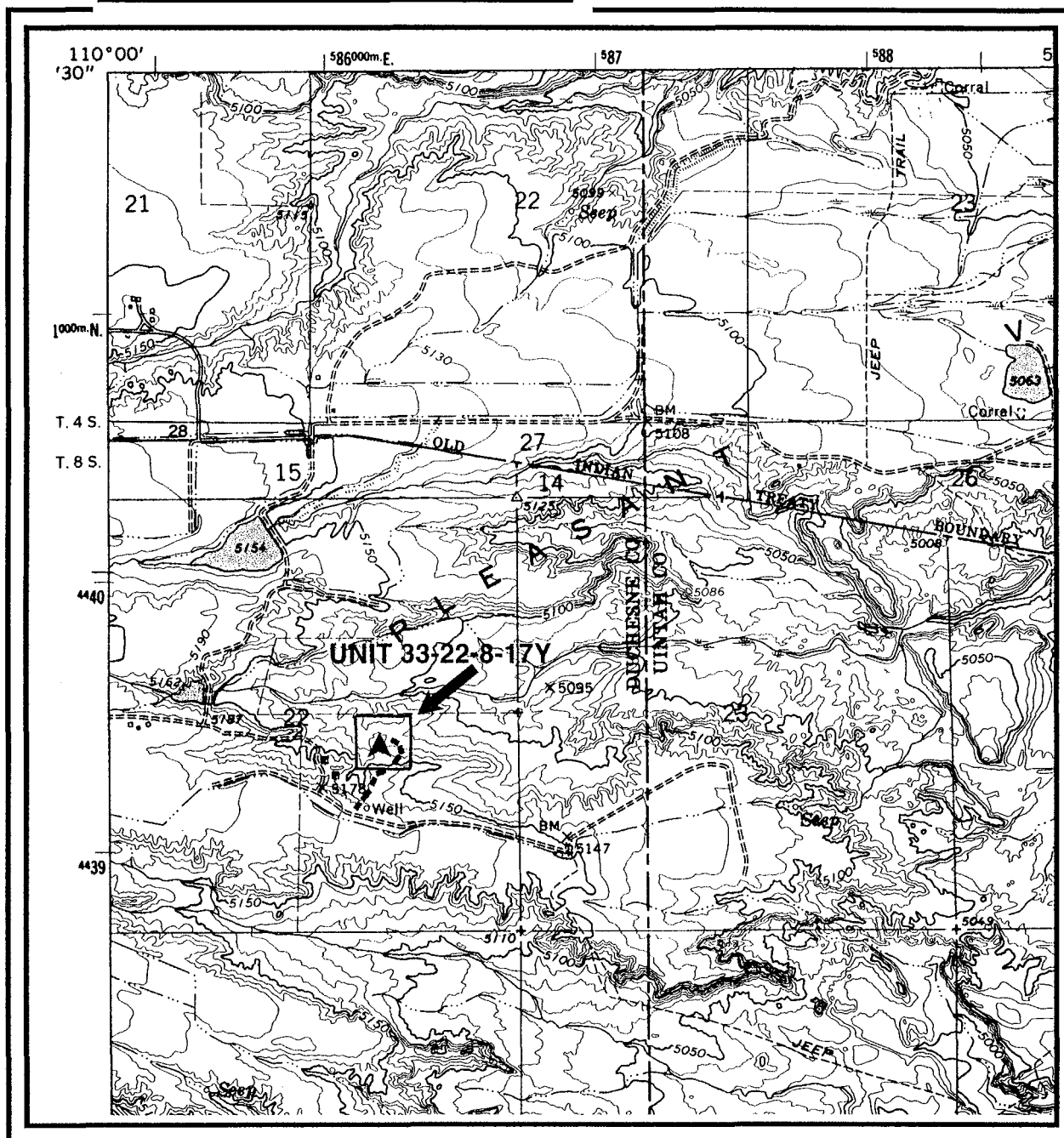
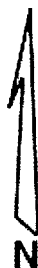


UTAH

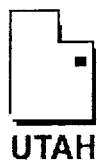


**MAP 5: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-22-8-17Y  
IN THE PLEASANT VALLEY  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**

PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Pariette Draw SW, Utah  
DATE: January 23, 1996



**LEGEND**



TOWNSHIP: 8 South  
RANGE: 17 East  
MERIDIAN: Salt Lake B. & M.

Well Location



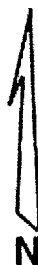
Access Route



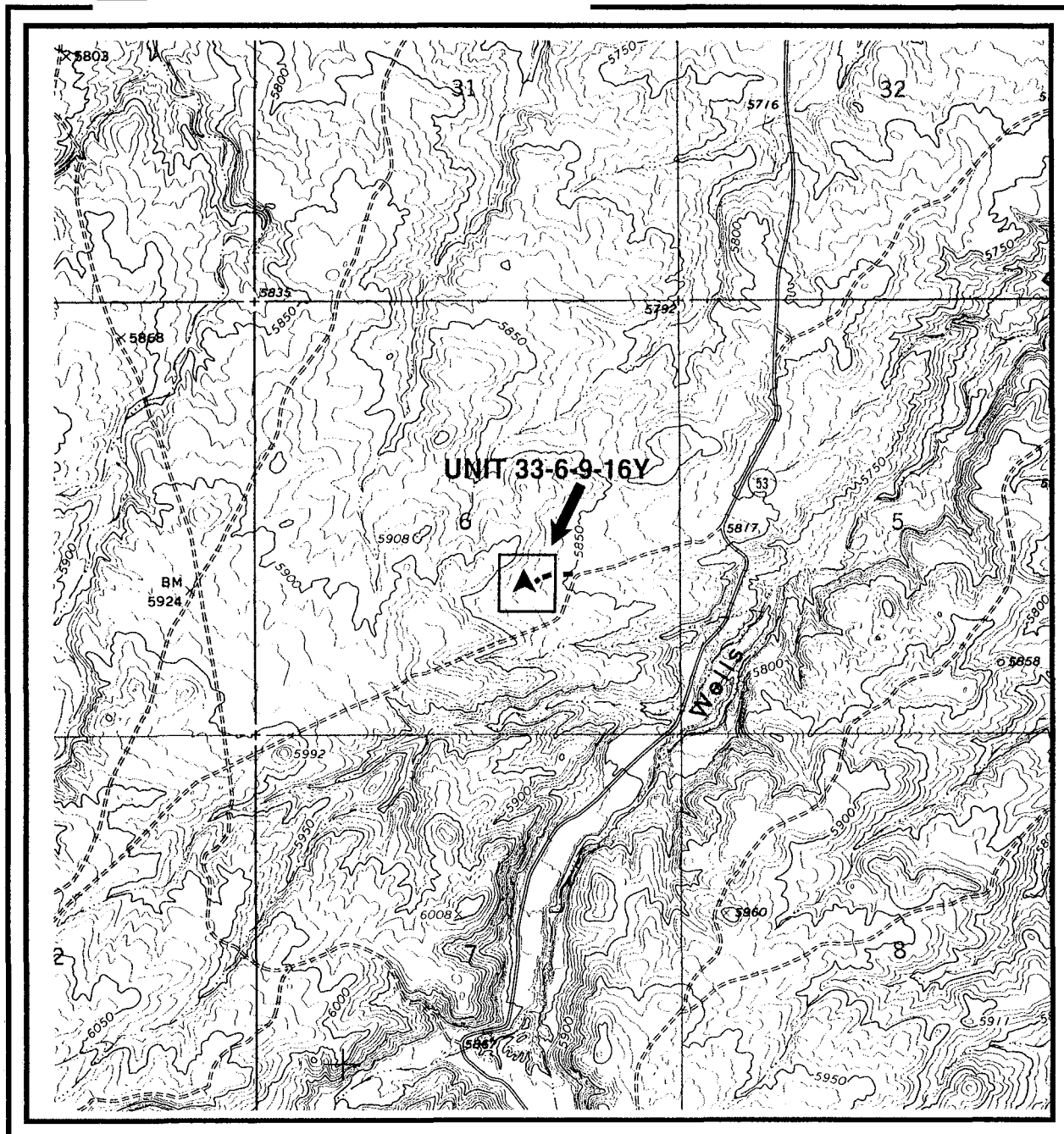
Ten Acre  
Survey  
Area



**MAP 6: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 33-6-9-16Y  
IN THE WELLS DRAW  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**



**PROJECT:** BLCR - 95 - 8B  
**SCALE:** 1:24,000  
**QUAD:** Myton SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 16 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route



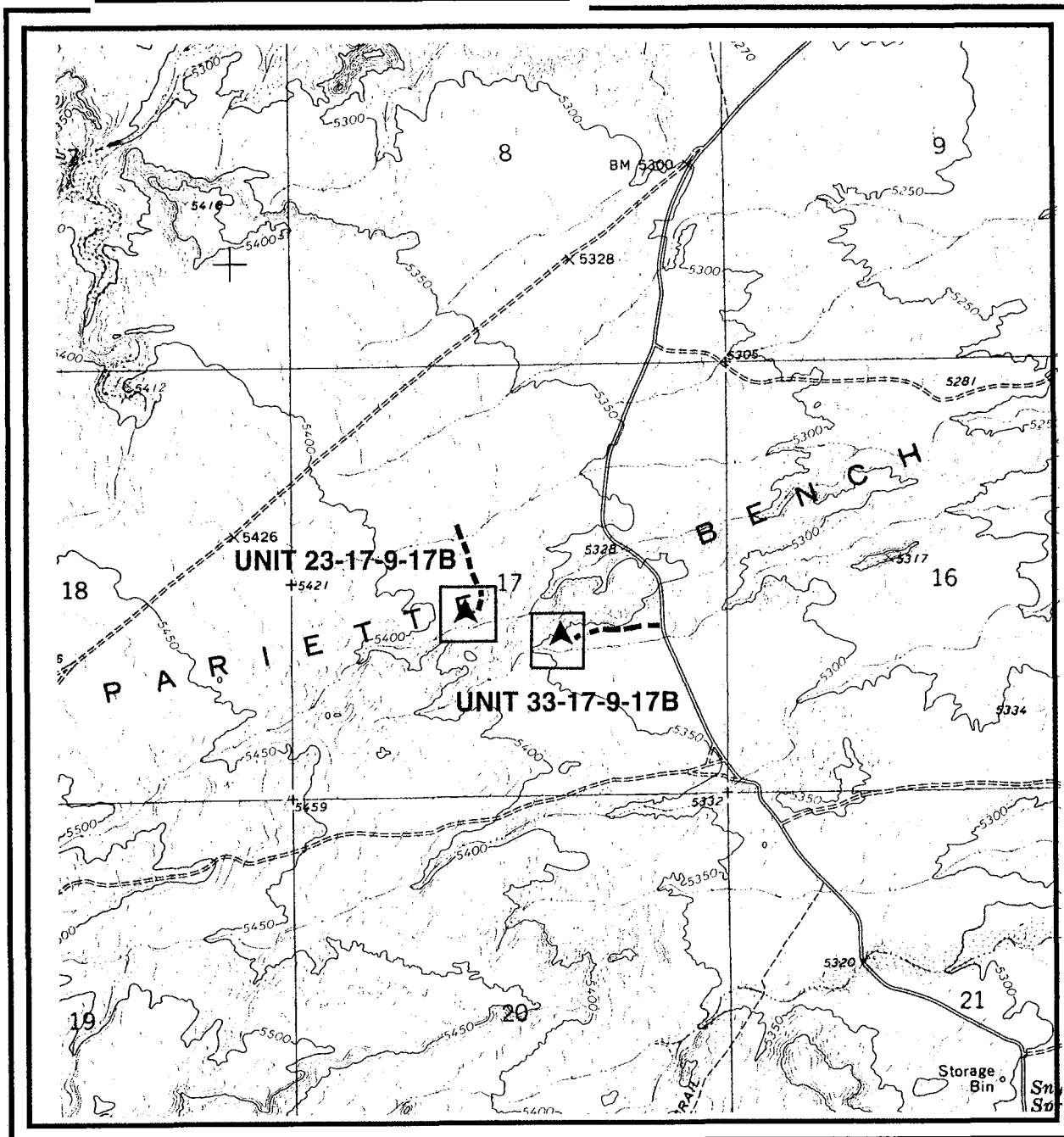
Ten Acre  
Survey  
Area



**MAP 7: CULTURAL RESOURCE SURVEY  
OF VARIOUS BALCRON WELLS  
IN THE PARIETTE BENCH  
LOCALITY OF DUCHESNE COUNTY,  
UTAH**



**PROJECT:** BLCR - 95 - 88  
**SCALE:** 1:24,000  
**QUAD:** Myton SW, Utah  
**DATE:** January 23, 1996



**LEGEND**



**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

Well Location



Access Route

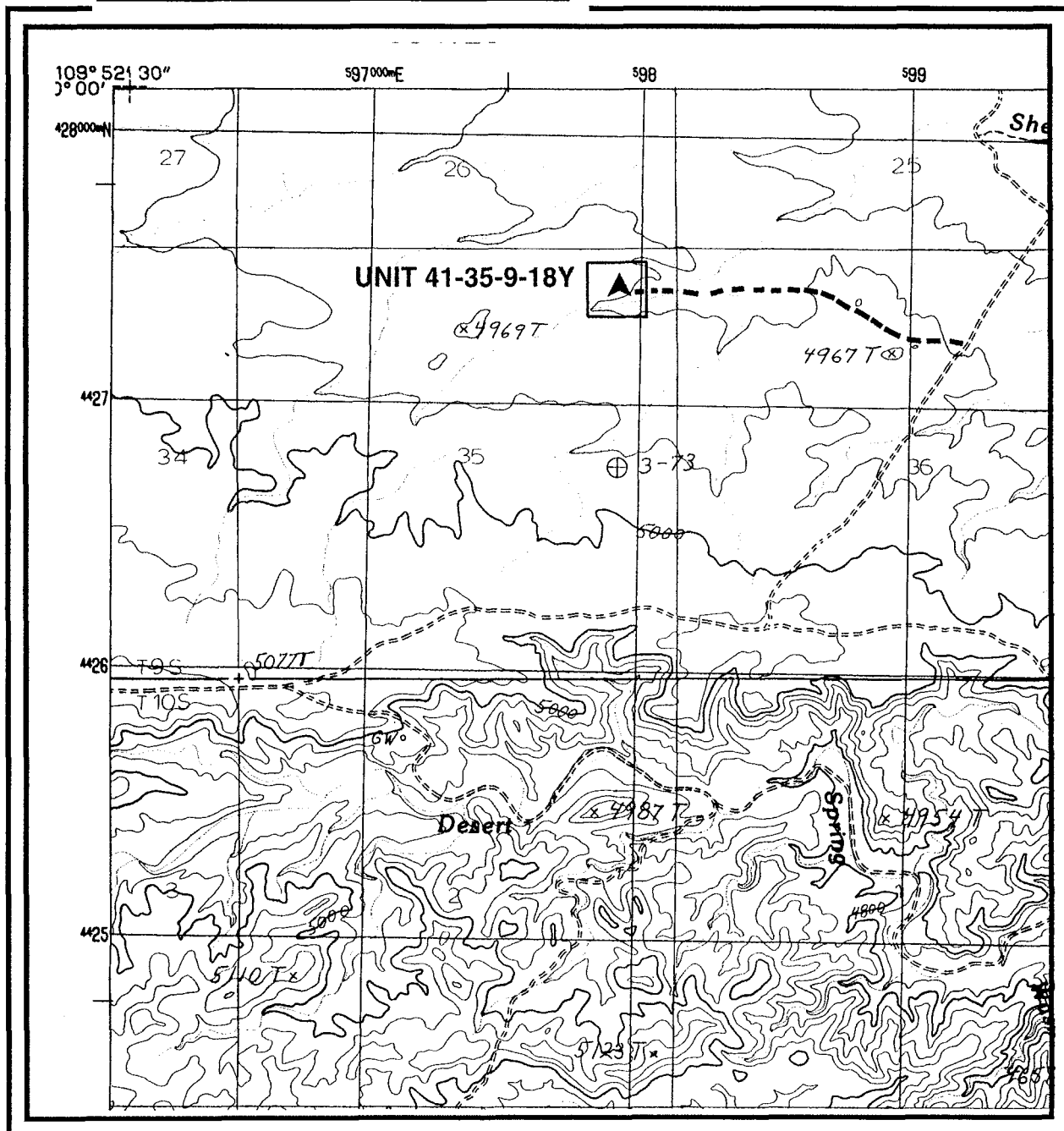


Ten Acre  
Survey  
Area

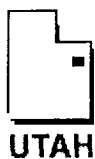


**MAP 8: CULTURAL RESOURCE SURVEY  
OF BALCRON WELL UNIT 41-35-9-18Y  
IN THE DESERT SPRING WASH  
LOCALITY OF UINTAH COUNTY,  
UTAH**

PROJECT: BLCR - 95 - 8B  
SCALE: 1:24,000  
QUAD: Moon Bottom, Utah  
DATE: January 23, 1996



**LEGEND**



TOWNSHIP: 9 South  
RANGE: 18 East  
MERIDIAN: Salt Lake B. & M.

Well Location



Access Route



Ten Acre  
Survey  
Area



Monument Federal Unit 32-10-9-17Y is situated in the Southwest quarter of the Northeast quarter of Section 10, Township 9 South, Range 17 East (see Map 2).

Monument Federal Unit 11-11-9-17Y is situated in the Northwest quarter of the Northwest quarter of Section 11, Township 9 South, Range 17 East (see Map 2). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 43-19-9-18Y is situated in the Northeast quarter of the Southeast quarter of Section 19, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 32-20-9-18Y is situated in the Southwest quarter of the Northeast quarter of Section 20, Township 9 South, Range 18 East (see Map 3).

Monument Federal Unit 14-21-9-18Y is situated in the Southwest quarter of the Southwest quarter of Section 21, Township 9 South, Range 18 East (see Map 3). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 44-31-8-18Y is situated in the Southeast quarter of the Southeast quarter of Section 31, Township 8 South, Range 18 East (see Map 4). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 33-22-8-17Y is situated in the Northwest quarter of the Southeast quarter of Section 22, Township 8 South, Range 17 East (see Map 5). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-6-9-16Y is situated in the Northwest quarter of the Southeast quarter of Section 6, Township 9 South, Range 18 East (see Map 6). Access to this location is via a 0.1 mile-long access route.

Monument Federal Unit 23-17-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.3 mile-long access route.

Monument Federal Unit 33-17-9-17B is situated in the Northwest quarter of the Southeast quarter of Section 17, Township 9 South, Range 17 East (see Map 7). Access to this location is via a 0.2 mile-long access route.

Monument Federal Unit 41-35-9-18Y is situated in the Northeast quarter of the Northeast quarter of Section 35, Township 9 South, Range 18 East (see Map 8). Access to this location is via a 0.8 mile-long access route.

## **Environmental Description**

The project area is within the 4900 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

## **PREVIOUS RESEARCH IN THE LOCALITY**

### **File Search**

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

## **Prehistory and History of the Cultural Region**

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological

Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

### **Site Potential in the Project Development Zone**

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

## **FIELD EVALUATIONS**

### **Methodology**

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The combined acreage for the various access road corridors and the thirteen well locations totals some 167.53 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by

Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination whether a particular site is a significant resource, i.e., whether it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below. The Principal Investigator then develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of any given significant resource which may be situated within the potential development zone.

### **Site Significance Criteria**

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.



In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

### **Results of the Inventory**

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these 13 well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation.

No paleontological loci of significance were identified during the evaluations.

### **CONCLUSION AND RECOMMENDATIONS**

No known significant cultural resources will be adversely impacted during the development and operation of the 13 proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.  
President and Principal Investigator

## REFERENCES

Fike, Richard E. and H. Blaine Phillips II

- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, ( Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade V Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
- 1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report Prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.

1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report Prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Norman, V. Garth

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archeological-Environmental Research Corporation, Bountiful.

Stokes, W. L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

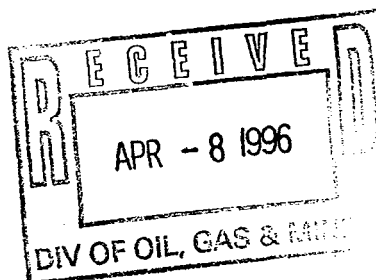
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:

1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well

Footages: See attached listing

QQ, Sec., T., R., M.:

County: See attached list

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR 10 1996

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

April 15, 1996

Equitable Resources Energy Co.  
1601 Lewis Avenue  
Billings, Montana 59102


Re: Monument Federal 33-6-9-16Y Well, 1850' FSL, 1850' FEL,  
NW SE, Sec. 6, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31589.

Sincerely,

  
R. J. Firth  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

WAPD



Operator: Equitable Resources Energy  
Well Name & Number: Monument Federal 33-6-9-16Y  
API Number: 43-013-31589  
Lease: U-74390  
Location: NW SE Sec. 6 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102

DEC 15 1995

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NW SE Section 6, T9S, R16E

1850' FSL, 1850' FEL

At proposed prod. zone

43-013-31589

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

From Myton, Utah, approximately 12 miles SW

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,150'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5867'

22. APPROX. DATE WORK WILL START\*

March 1, 1996

23.

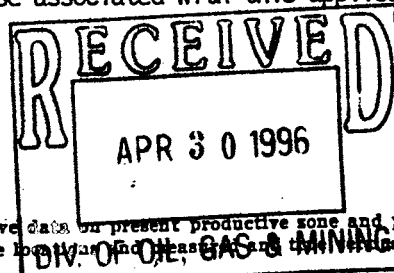
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface logs, and lease and formation depths. Give blowout preventer program, if any.

24.

SIGNED

*Debbie Ackerman*

TITLE

Regulatory and  
Environmental Specialist

DATE

*December 14, 1995*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Sam Kengler*

TITLE

ASSISTANT DISTRICT  
MANAGER (MINING)

DATE

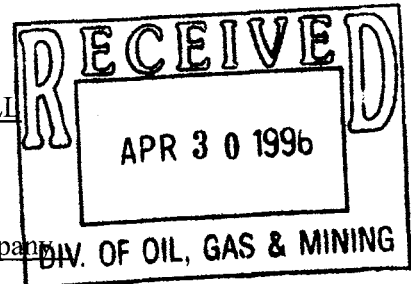
APR 15 1996

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-6-9-16Y

API Number: 43-013-31589

Lease Number: U-74390

Location: NWSE Sec. 6 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at  $\pm 632$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 432$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert      (801) 789-4170  
Petroleum Engineer

Ed Forsman              (801) 789-7077  
Petroleum Engineer

Jerry Kenczka          (801) 789-1190  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410



## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM**  
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

PLANS FOR RECLAMATION OF LOCATION

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

OTHER INFORMATION

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

**MOUNTAIN PLOVERS & BURROWING OWLS**

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

*OH/Pending Status*

UTAH

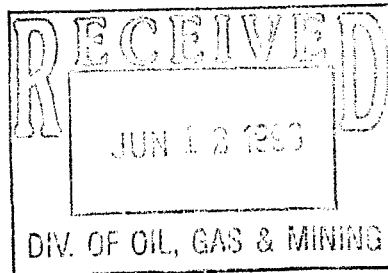
Getty #7-C	Monument Butte	NE NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30961	1129' FNL, 2229' FWL	Vernal	Jonah
Goates Federal #1	Monument Butte	SE SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15789	793' FSL, 2088' FWL	Vernal	Jonah
Goates Federal #3	Monument Butte	NW NW	14	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15791	790' FNL, 790' FWL	Vernal	Jonah
Hendel Federal #1	Pariette Bench	SW SW	9	9S	19E	Uintah	UT	Oil	Green River	U-058149	43-047-20011	560' FSL, 500' FWL	Vernal	
Hendel Federal #1-17	Pariette Bench	NE NW	17	9S	19E	Uintah	UT	Oil	Green River	U-017991	43-047-30059	660' FNL, 1979' FWL	Vernal	
Hendel Federal #3-17	Pariette Bench	SW NW	17	9S	19E	Uintah	UT	OSI	Green River	U-017991	43-047-30074	1980' FNL, 660' FWL	Vernal	
K. Jorgenson State #16-4	Monument Butte	NE SE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30572	1984' FSL, 660' FEL		
Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
Monument Butte #1-13	Monument Butte	NW SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30702	1820' FSL, 685' FWL	Vernal	Jonah
Monument Butte #1-14	Monument Butte	SW SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30703	820' FSL, 820' FWL	Vernal	Jonah
Monument Butte #1-23	Monument Butte	NE SW	1	9S	16E	Duchesne	UT	Oil	Green River	U-18399	43-013-30646	1980' FSL, 1980' FWL	Vernal	Jonah
Monument Butte #1-24	Monument Butte	SE SW	1	9S	16E	Duchesne	UT	WIW	Green River	U-18399	43-013-30701	820' FSL, 1950' FWL	Vernal	Jonah
Monument Butte #1-33	Monument Butte	NW SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-52013	43-013-30735	1980' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-34	Monument Butte	SW SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30736	710' FSL, 1980' FEL	Vernal	Jonah
Monument Butte #1-43	Monument Butte	NE SE	1	9S	16E	Duchesne	UT	Oil	Green River	U-52013	43-013-30734	1980' FSL, 660' FEL	Vernal	Jonah
Monument Federal #11-11-9-17Y	Monument Butte	NW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210		656' FNL, 741' FWL	Vernal	
Monument Federal #11-22-9-16Y	Monument Butte	NW NW	22	9S	16E	Duchesne	UT	PND	Green River	U-64379			Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	PND	Green River	U-65210			Vernal	
Monument Federal #13-22-8-17Y	Monument Butte	NW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #14-21-9-18Y	8 Mile Flat	SW SW	21	9S	18E	Uintah	UT	PND	Green River	U-68105		1446' FSL, 863' FWL	Vernal (Private sfc)	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal	
Monument Federal #21-23-9-17Y	Monument Butte	NE NW	23	9S	17E	Uintah	UT	PND	Green River	U-68102		773' FNL, 1809' FWL	Vernal	
Monument Federal #22-20-9-16	Monument Butte	SE NW	20	9S	16E	Duchesne	UT	PND	Green River	U-52018				
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
Monument Federal #23-22-8-17Y	Monument Butte	NE SW	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			Vernal (Private sfc.)	
Monument Federal #24-17-9-16	Monument Butte	SE SW	17	9S	16E	Duchesne	UT	PND	Green River	U-52018			Vernal	
Monument Federal #31-5-9-17	Monument Butte	NW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-74808				
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		660' FNL, 1980' FEL	Vernal	
Monument Federal #31-22-8-17	Monument Butte	NW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1036' FNL, 2338' FEL	Vernal (Private sfc.)	
Monument Federal #32-10-9-17Y	Monument Butte	SW NE	10	9S	17E	Duchesne	UT	PND	Green River	U-65210		1900' FNL, 1980' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	U-64917		1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-6-9-16Y	Monument Butte	NW SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390		1850' FSL, 1850' FEL	Vernal	
Monument Federal #32-22-8-17	Monument Butte	SW NE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		1980' FNL, 1980' FEL	Vernal (Private sfc.)	
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

June 10, 1996

**CONFIDENTIAL**

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah  
API #43-013-31589

This letter is notice that the subject well was spud on 6-3-96.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad  
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action  
Form  
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX  
Yates Petroleum  
Isabel - MYCO - VIA FAX



EQUITABLE RESOURCES  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

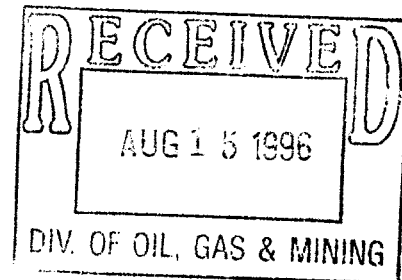
Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

August 12, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Gentlemen:

RE: Monument Federal #33-6-9-16Y  
NW SE Section 6, T9S, R16E  
Duchesne County, Utah  
API #43-013-31589



Enclosed for your files are the following:

Completion Report  
Onshore Order #7  
Report of Water Encountered  
Daily Operating Reports

I will forward a Site Security Diagram to you within 30 days. Please feel free to contact me if you need any further information.

Sincerely,

*Molly Conrad*  
Molly Conrad  
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining  
Isabel - MYCO Industries  
Yates Petroleum  
Lou Ann Carlson  
Valeri Kaae

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

**Location:** NW SE Section 6, T9S, R16E

**Duchesne County, Utah**

**1850' FSL & 1850' FEL**

**API #43-013-31589**

**PTD: 6,150' Formation: Green River**

**Monument Butte**

**Elevations: 5867' GL**

**Contractor: Union Drilling**

**Operator: EREC Western Region**

**Spud: June 4, 1996**

**Casing: 8-5/8", 24#, J-55 @ 262.11' KB**

**5-1/2", 15.5#, J-55 @ 6080.11' KB**

**Tubing: 2-7/8", 6.5#, J-55 @ 4929.28' KB**

**---TIGHT HOLE---**

06/04/96

TD: 281' (281') Day 1

Formation: Sand & Shale

Present Operation: Waiting on Cement

MIRU. Drilled 281' KB. Ran 6 jts, 251' of 8-5/8", 24#, J-55 csg as follows:

Shoe .90'

Shoe jt 41.70'

Baffle plate 0.00'

5 jts csg 209.51'

Landing jt 10.00'

Total csg length 252.11'

Depth landed 262.11' KB

Cement w/BJ Services as follows: 160 sxs "G" + 2% CaCl<sub>2</sub> + 1/4#/sx cello flake. Plug down @ 1:00 AM. 4 bbls excess cement return to pit.

DC: \$5,058

CC: \$5,058

06/05/96

TD: 1240' (959') Day 2

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole.

DC: \$17,262

CC: \$22,320

06/06/96

TD: 2548' (1308') Day 3

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole

Last 24 hrs: Trip for 3-1/2 hrs, drilled 1308' of 7-7/8" hole w/air, ran two surveys.

DC: \$23,544

CC: \$45,864

06/07/96

TD: 3711' (1163') Day 4

Formation: Sand & Shale

Present Operation: Drilling 7-7/8" hole.

DC: \$20,934

CC: \$66,798

06/08/96

TD: 4575' (864') Day 5

MW 8.3 VIS 28

Present Operation: Drilling 7-7/8" hole

Air drill w/air & foam to 4210'. Load hole w/fluid, trip for bit & pick up motor.

DC: \$15,552

CC: \$82,350

## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

**Location: NW SE Section 6, T9S, R16E**

**Duchesne County, Utah**

**---TIGHT HOLE---**

06/09/96 TD: 5455' (880') Day 6  
MW 8  
Present Operation: Drilling 7-7/8" hole.  
DC: \$15,840 CC: \$98,190

06/10/96 TD: 6100' (645') Day 7  
Present Operation: Logging hole  
TD 7-7/8" hole @ 8:45 PM, 6-9-96. Loggers TD - 6100', Drillers TD - 6100'  
DC: \$11,610 CC: \$109,800

06/11/96 TD: 6100' (0') Day 8  
Present Operation: Rig Down  
Run 5-1/2", 15.5#, 8rd, J-55 csg as follows:

Shoe	.90'
Shoe jt	37.24'
Float collar	1.10'
147 jts csg	6030.87'
Landing jt	10.00'
Total csg length	6070.11'
Depth landed	6080.11'
PBTD	6040.87' KB

Cement by BJ Services as follows: Lead w/390 sxs Super G + 3% salt + 2% gel + 2#/sx Kol seal + 1/4#/sx cello flake. Tail w/390 sxs 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx Kol seal. Plug down @ 8:15 PM. Rig released @ 10:30 PM.  
DC: \$25,000 CC: \$134,800

Dress up location, set rig anchors, set rig pump & tanks. MIRU Cannon Well Service rig #2. NU BOP. TIH w/4-3/4" bit & 5-1/2" csg scraper & 196 jts tbg. Tag PBTD @ 6042' KB. Circ hole clean w/135 bbls 2% KCL wtr. TOOH w/tbg & tools. SWIFN.  
DC: \$4,793 CC: \$139,593



## DAILY OPERATING REPORT

### MONUMENT FEDERAL #33-6-9-16Y

**Location: NW SE Section 6, T9S, R16E**

**Duchesne County, Utah**

**---TIGHT HOLE---**

6-25-96

Completion

RU Cutter Wireline to run CBL from 6029' KB to surface. TOC @ 226' KB. Perf 4845' - 53 & 4854'-59 (4 SPF). RD Cutter. TIH w/RBP, retrieving tools, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 158 jts 2-7/8" tbg. Set BP @ 4904' KB, set packer @ 4764' KB. EOT @ 4776' KB. SWIFN.

DC: \$6,737

CC: \$146,330

06/26/96

Completion

RU BJ Services to break down & frac 4845' - 4859'. Break down w/2604 gals 2% KCL wtr and 104 balls, saw ball action. ISIP = 1350 psi. Used 62 bbls wtr. TOOH w/tbg, pkr & retrieving tool. Flow back 11 bbls wtr. Frac 4845' - 4859' w/12,600 gals 2% KCL wtr and 37,280 lbs 16/30 sand. ATP = 2100 psi, ATR = 19.4 bpm, ISIP = ?, 5 min = 3200 psi, 10 min = 2670 psi, 15 min = 2250 psi. Screen out w/29229 lbs of sand on formation. Bleed well down, .5 bpm. Flow back 110 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN & 146 jts tbg. Tag sand at 4480' KB. Circulate down to BP at 4904' KB. Set pkr at 4769'. Made 11 swab runs. Recovered 57 bbls wtr. No oil. Good gas. 1% sand. Final FL @ 1500'. SWIFD.

DC: \$24,229

CC: \$170,559

06/27/96

Completion

Fluid level @ 400'. Made 38 swab runs. Recovered 15 bbls oil & 169 bbls wtr. Good gas on last 10 runs. Oil 40% last 2 runs. No sand last 10 runs. SWIFN.

DC: \$1,898

CC: \$172,457

06/28/96

Completion

Bleed well down. Release pkr. Tag sand @ 4890' KB. Circulate down to BP @ 4904' KB. Release BP, TOOH w/tbg, pkr & BP. TIH w/production string (tbg):

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar	.40'	4929.28'
1 - jt 2-7/8" EUE J-55 8rd 6.5#	30.53'	4928.88'
1 - perf sub 2-7/8" x 4'	4.20'	4898.35'
1 - seat nipple 2-7/8"	1.10'	4894.15'
4 - jts 2-7/8" EUE J-55 8rd 6.5#	124.60'	4893.05'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	4768.45'
154 - jts 2-7/8" EUE J-55 8rd 6.5#	4755.70'	4765.70'
KB	10.00'	

ND BOP, ND 5M well head, NU 3M well head. Set tbg anchor w/10" tension, flange up well head. TIH w/production string (rods):

1 - DHP 2-1/2" x 1-1/2" x 15-1/2" RHAC w/SM plunger (TRICO #1176)

1 - 7/8" x 2' Pony w/2-1/2" guide

1 - 1-1/2" x 25' K-Bar

1 - 7/8" x 2' Pony w/2-1/2" guide

193 - 3/4" x 25' D-61 Plain

1 - 3/4" x 8' Pony

1 - Polish Rod 1-1/4" x 22' SM

Pressure test DHP & tbg to 1000 psi, OK. Shut well in, RDMO.

DC: \$21,112

CC: \$193,569

**DAILY OPERATING REPORT**

**MONUMENT FEDERAL #33-6-9-16Y**

**Location: NW SE Section 6, T9S, R16E**

**Duchesne County, Utah**

**---TIGHT HOLE---**

**07/10/96    Completion**

**Start well pumping @ 4:30 PM on 7/10/96. 5 SPM, 84" stroke.**

**DC: \$42,839**

**CC: \$236,408**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

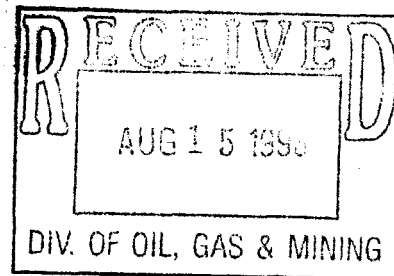
**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-74390
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL	8. Well Name and No. Monument Fed. #33-6-9-16Y
	9. API Well No. 43-013-31589
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Onshore Order #7	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

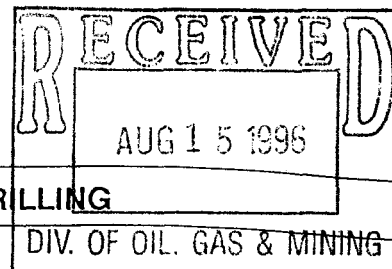
Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Molly Conrad</u>	Title <u>Operations Secretary</u>	Date <u>8-12-96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #33-6-9-16YAPI number: 43-013-315892. Well Location: QQ NWSE Section 6 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

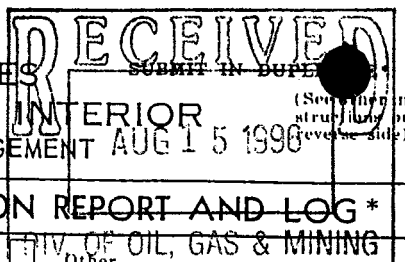
6. Formation tops: Please see original completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8-12-96Name & Signature: Molly ConradTitle: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. U-74390					
2. NAME OF OPERATOR Equitable Resources Energy Company								7. UNIT AGREEMENT NAME n/a					
3. ADDRESS OF OPERATOR 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860								8. FARM OR LEASE NAME Monument Federal					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL At top prod. interval reported below At total depth								9. WELL NO. 33-6-9-16Y					
14. PERMIT NO. 43-013-31589								DATE ISSUED 4-15-96		12. COUNTY OR PARISH Duchesne		13. STATE Utah	
15. DATE SPUDDED 6-4-96		16. DATE T.D. REACHED 6-11-96		17. DATE COMPL. (Ready to prod.) 7-10-96		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5867' KB		19. ELEV. CASINGHEAD n/a					
20. TOTAL DEPTH, MD & TVD 6100'		21. PLUG, BACK T.D., MD & TVD 6042'		22. IF MULTIPLE COMPL., HOW MANY* n/a		23. INTERVALS DRILLED BY SFC - TD		ROTARY TOOLS n/a		CABLE TOOLS n/a			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4845' - 4859' Green River										25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR DLL SDL DSN MUD LOG 6-17-96										27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)													
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED			
8-5/8"		24#		262.11' KB		12-1/4"		160 sxs Class "G" w/additives		None			
5-1/2"		15.5#		6080.11'		7-7/8"		390 sxs Super "G" w/additives		None			
								390 sxs 50/50 POZ w/additives					
29. LINER RECORD													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)					
n/a													
30. TUBING RECORD													
SIZE		DEPTH SET (MD)		PACKER SET (MD)									
2-7/8"		4929.28' KB		n/a									
31. PERFORATION RECORD (Interval, size and number)													
4845' - 4853' (4 SPF) 4854' - 4859' (4 SPF)													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED							
4845' - 4859'						Break w/2604 gals 2% KCL water. Frac w/37,280# 16/30 mesh sand w/ 12,600 gallons 2% KCL gelled water.							
33. PRODUCTION													
DATE FIRST PRODUCTION 7-10-96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump						WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 8-11-96		HOURS TESTED 24		CHOKE SIZE n/a		PROD'N. FOR TEST PERIOD 5.66		OIL—BBL. N.M.		WATER—BBL. 0		GAS—OIL RATIO N.M.	
FLOW. TUBING PRESS. n/a		CASING PRESSURE n/a		CALCULATED 24-HOUR RATE 5.66		OIL—BBL. N.M.		GAS—MCF. 0		WATER—BBL. 34		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel										TEST WITNESSED BY Dale Griffin			
35. LIST OF ATTACHMENTS n/a													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>Molly Conrad</u>				TITLE <u>Operations Secretary</u>				DATE <u>8-12-96</u>					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River	1644'	1644'
				Horsebench SS	2328'	2328'
				2nd Garden Gulch	4036'	4036'
				Yellow Marker	4676'	4676'
				Douglas Creek	4823'	4823'
				2nd Douglas Creek	5066'	5066'
				Green Marker	5203'	5203'
				Black Shale Facies	5457'	5457'
				Carbonate Marker	5720'	5720'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE SE Section 6, T9S, R16E  
2214' FSL & 707' FEL

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. 543-6-9-16Y

9. API Well No.

43-013-31644

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

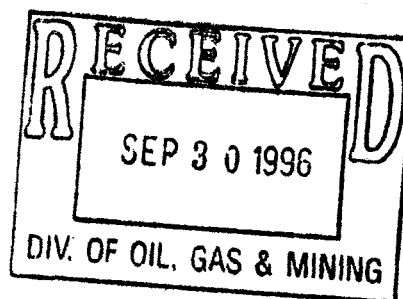
- ☒ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |  |
|---|--|
| <input type="checkbox"/> Abandonment                            | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion                           | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back                          | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing Repair                          | <input type="checkbox"/> Water Shut-Off          |
| <input type="checkbox"/> Altering Casing                        | <input type="checkbox"/> Conversion to Injection |
| <input checked="" type="checkbox"/> Other Site Security Diagram | <input type="checkbox"/> Dispose Water           |
- (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed

*Molly Conrad*

Title

Operations Secretary

Date

~~04-26-96~~ 09-26-96

(This space for Federal or State office use)

Approved by

Title

Date

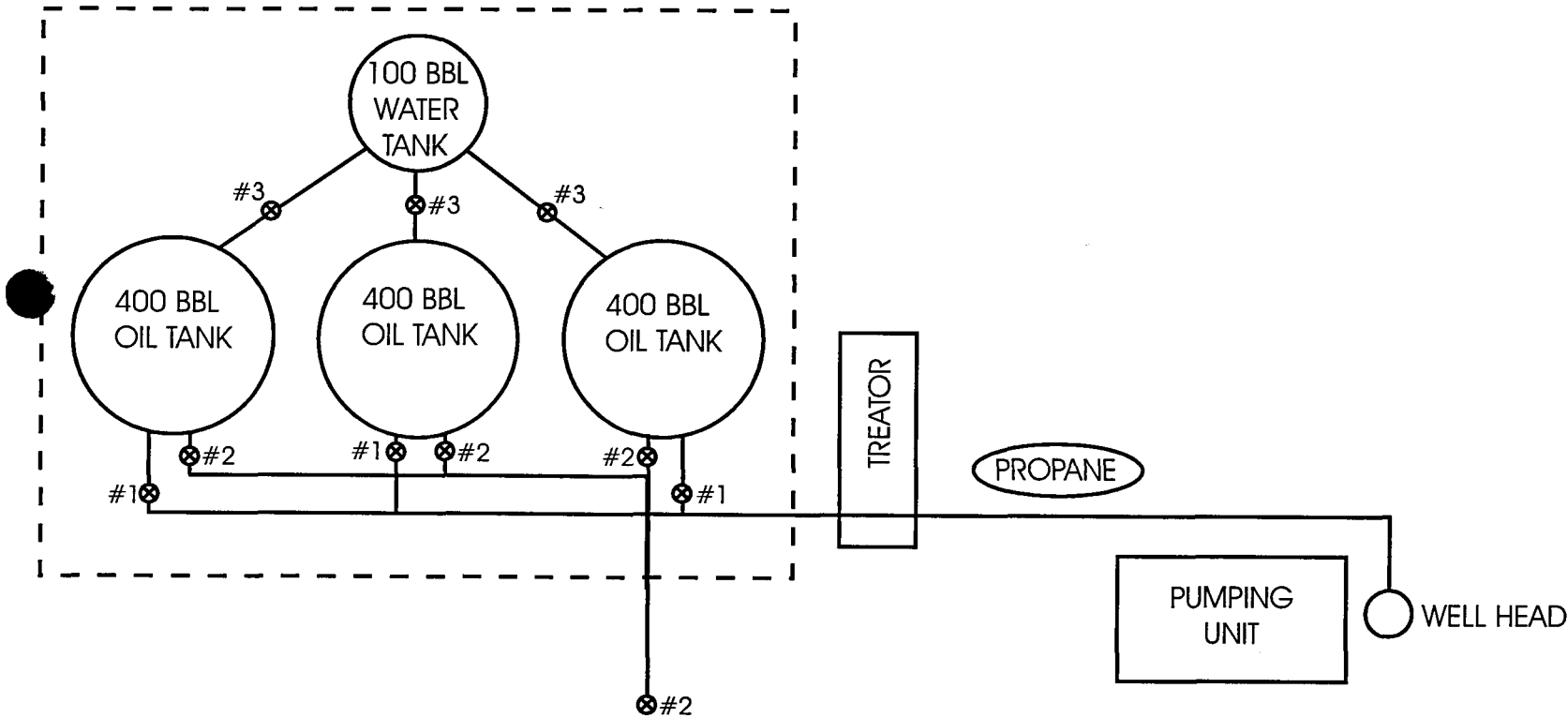
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY  
 MONUMENT FEDERAL 43-6-9-16Y  
 PRODUCTION FACILITY DIAGRAM


MONUMENT FEDERAL 43-6-9-16Y  
 NE SE SEC. 6, T9S, R16E  
 DUCHESNE COUNTY, UTAH  
 FEDERAL LEASE #U-74390



ACCESS ROAD

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:  
**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 WESTERN REGION

1601 Lewis Avenue  
 Billings, MT 59102  
 (406) 259-7860

AUGUST 19, 1996



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-74390
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW SE Section 6, T9S, R16E 1850' FSL & 1850' FEL	8. Well Name and No. Monument Fed. #33-6-9-16Y
	9. API Well No. 43-013-31589
	10. Field and Pool, or Exploratory Area Monument Butte/Green Riv.
	11. County or Parish, State Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Re-frac of well.
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operations commenced on 1-11-97 to re-fracture this well as follows:

Fractured 4845' - 4859' with 48,700# 16/30 mesh sand with 22,890 gallons 2% KCL gelled water.

The well was put back on production on 1-16-97.

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct

Signed

*Molly Comrad*

Title Operations Technician

Date

4-11-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DEP 8-FILE
3	VLD (GTL)
4	RJE
5	LEP
6	FILE

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ ~~Operator~~ Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	<u>phone (406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	<u>account no. N9890</u>	<u>phone (406) 259-7860</u>
		<u>account no. N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-3589</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.

Sent to Ed Bonner - Trust Lands

### FILMING

- VB 1. All attachments to this form have been microfilmed. Date: Aug. 20 1997.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company  
ADDRESS 1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11933	43-013-31589	Monument Federal #33-6-9-16Y	NW SE	6	9S	16E	Duchesne	6-3-96	6-3-96
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 6-13-96. Lec</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Conrad  
Signature  
Operations Secretary  
Title  
6-10-96  
Date  
Phone No. ( )

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 10 of 14

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BALCRON MONUMENT FEDERAL 12-17								
4301331431	11880	09S 17E 17	GRRV			UKU 72106		
MONUMENT FEDERAL 43-7								
4301331432	11880	09S 17E 7	GRRV			"		
MONUMENT FEDERAL 32-17								
4301331465	11880	09S 17E 17	GRRV			"		
MONUMENT FEDERAL 41-17								
4301331466	11880	09S 17E 17	GRRV			"		
MONUMENT STATE 23-16-9-17B								
4301331578	11880	09S 17E 16	GRRV			ML 3453B		
MONUMENT FEDERAL 23-17-9-17B								
4301331582	11880	09S 17E 17	GRRV			UKU 74108		
MONUMENT FEDERAL 41-8-9-16								
4301331619	11891	09S 16E 8	GRRV			UK 20255		
MONUMENT FEDERAL 11-9-9-16								
4301331618	11893	09S 16E 9	GRRV			UK 20254		
MONUMENT FEDERAL 43-19-9-18Y								
4304732730	11901	09S 18E 19	GRRV			UK 5636		
MONUMENT FEDERAL 14-21-9-18Y								
4304732726	11902	09S 18E 21	GRRV			UK 8105		
MONUMENT FEDERAL 11-11-9-17Y								
4301331593	11904	09S 17E 11	GRRV			UK 5210		
MONUMENT FEDERAL 31-22-8-17								
4301331587	11917	08S 17E 22	GRRV			UK 7846		
MONUMENT FEDERAL 33-6-9-16Y								
4301331589	11933	09S 16E 6	GRRV			UK 74396		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



RECEIVED  
OCT 16 1997

October 7, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078



RE: Change of Operator  
Duchesne & Vernal Counties, Utah

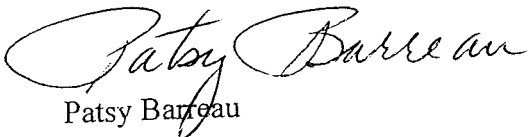
Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

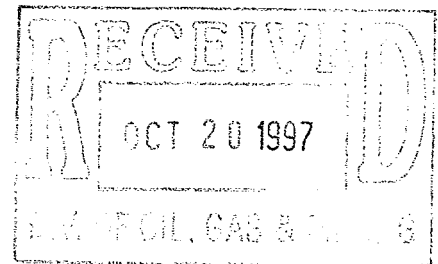
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

*Chris A. Potter*

**CHRIS A. POTTER, ATTORNEY-IN-FACT**

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

## INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

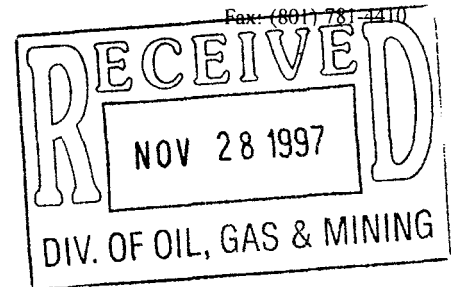
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08438

November 10, 1997



Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

Re: <sup>43-013-31589</sup> Well No. Mon. Fed. 33-6-9-16Y  
NWSE, Sec. 6, T9S, R16E  
Lease U-74390  
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company  
ABO Petro Corp  
Myco Industries Inc  
Yates Drilling Co.  
Yates Petro Corp



# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

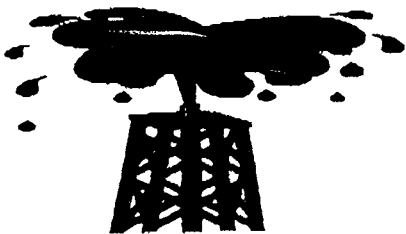
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.  
Call if you need anything  
further.

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-DEC	6-DEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31589</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-20-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
6. Cardex file has been updated for each well listed above. *(12-3-97)*
7. Well file labels have been updated for each well listed above. *(12-3-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Jec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

### BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Jec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

### LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DTJ 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 12/5/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

### FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

### COMMENTS

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.

## WEST POINT UNIT WELL LISTING

AS OF 7/13/98

T. 8 &amp; 9S, R. 16E

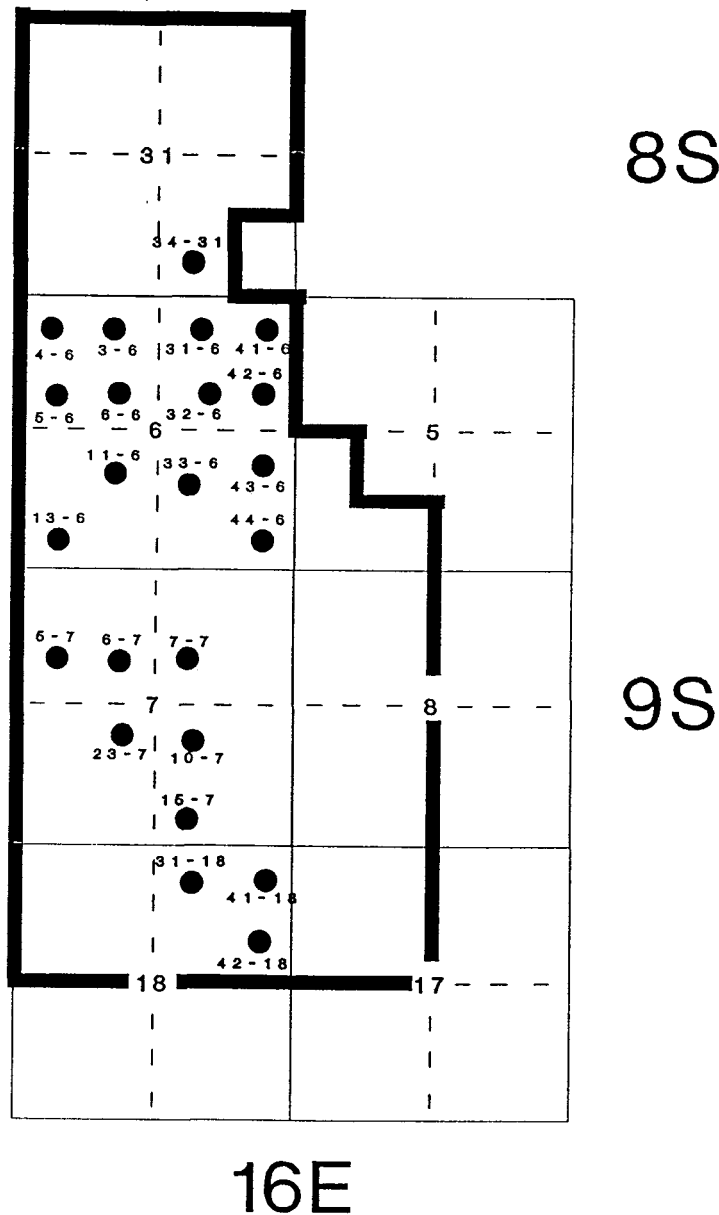
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-06-09-16Y	PROD	4301331300	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331589	11933
6	WEST POINT UNIT	FED 44-06-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332010	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332014	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332013	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331994	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

# WEST POINT (GREEN RIVER) UNIT

## Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY  
ALLOCATION

FEDERAL 100%

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

### SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1850 FSL 1850 FEL                      NW/SE Section 6, T09S R16E**

## 5. Lease Designation and Serial No.

**UTU-74390**

## 6. If Indian, Allottee or Tribe Name

**NA**

## 7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

## 8. Well Name and No.

**MONUMENT FEDERAL 33-6-9-16Y**

## 9. API Well No.

**43-013-31589**

## 10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

## 11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

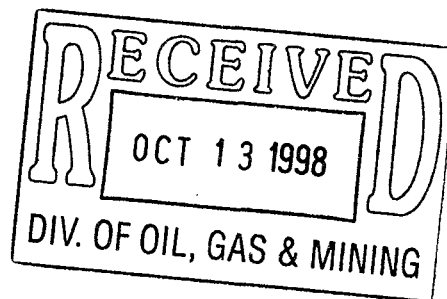
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Lubie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Inland Production Company

## Site Facility Diagram

Monument Federal 33-6Y

NW/SE Sec. 6, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

### Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

### Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

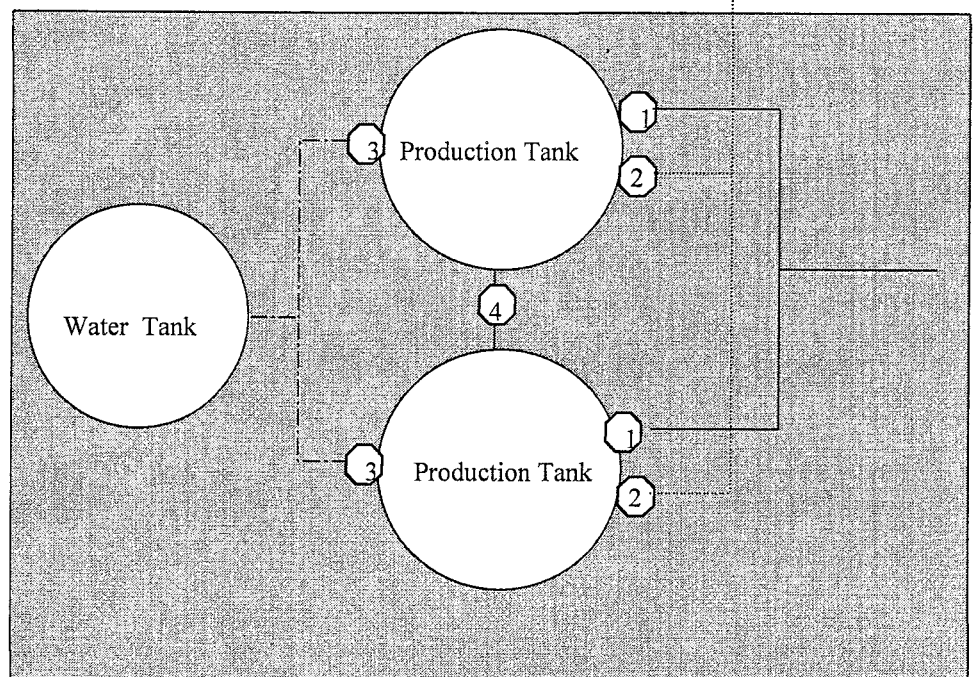
### Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line .....

Load Line \_\_\_\_\_

Water Line - - - - -

Gas Sales - . - . - . - . - .



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****WEST POINT (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

RECEIVED

JAN 18 2005

FORM 3160-5  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DIV. OF OIL, GAS &amp; MINING

FORM APPROVED  
OMB 1004-335  
Expires January 31, 2004**COPY****SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Newfield Production Company

## 3a. Address Route 3 Box 3630

Myton, UT 84052

## 3b. Phone No. (include area code)

435.646.3721

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850 FSL 1850 FEL

NW/SE Section 6 T9S R16E

## 5. Lease Serial No.

UTU74390

## 6. If Indian, Allottee or Tribe Name.

## 7. If Unit or CA/Agreement, Name and/or No.

WEST POINT UNIT

## 8. Well Name and No.

MON FED 33-6-9-16Y

## 9. API Well No.

4301331589

## 10. Field and Pool, or Exploratory Area

Monument Butte

## 11. County or Parish, State

Unassigned, NA

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Subject well had recompleat procedures initiated in the Green River formation on 10/15/04. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: CP5 sands @ 5734-5742' (4 JSPF) fraced w/24,608# 20/40 sand in 239 bbls Lightning 17 fluid. Fracs were flowed back through chokes; Stage #2: A1 sands @ 5262-5268', 5256-5260' (4 JSPF) fraced w/4,500# 20/40 sand in 80 bbls Lightning 17 fluid; Stage #3: D1 sands @ 4854-4859' (reperf), 4845-4853' (reperf) (4 JSPF) fracked w/ 50,151# of 20/40 sand in 405 bbls of Lightning 17 fluid; Stage #4: GB6 sands @ 4406-4412' (4 JSPF) fraced w/19,962# 20/40 sand in 240 bbls Lightning 17 fluid. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5762', pump seating nipple @ 5798', and end of tubing string @ 5829'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 11-23-04.

I hereby certify that the foregoing is true and correct

Name (Printed/Typed)  
Renee Palmer

Title

Production Clerk

Signature

Date

1/14/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)





March 23, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Monument Federal #33-6-9-16Y  
Monument Butte Field, Lease #UTU-74390  
Section 6-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Monument Federal #33-6-9-16Y from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping horizontal line extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**

**MAR 28 2012**

**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT FEDERAL #33-6-9-16Y**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74390**  
**MARCH 23, 2012**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Monument Federal #33-6-9-16Y  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74390  
Well Location: QQ NWSE section 6 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_


API number: 43-013-31589

Proposed injection interval: from 4148 to 6042  
Proposed maximum injection: rate 500 bpd pressure 1811 psig  
Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 3/23/12  
Phone No. (303) 893-0102

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Monument Federal #33-6-9-16Y

Spud Date: 6/4/96

Put on Production: 7/10/96

GL: 5867' KB: 5877

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts (252')

DEPTH LANDED: 262'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, 2% CaCl<sub>2</sub>, 1/4#/sx cello flake

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts. (6070')

DEPTH LANDED: 6080'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Super "G", 3% salt, 2% gel, 2#/sx kol-seal, 1/4#/sx cello flake. Tail w/290 sxs 50/50 poz, 2% gel, 1/4#/sx kol-seal.

CEMENT TOP: 226'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 185 jts. (5752.41')

TUBING ANCHOR: 5762.41' KB

NO. OF JOINTS: 1 jts. (32.49')

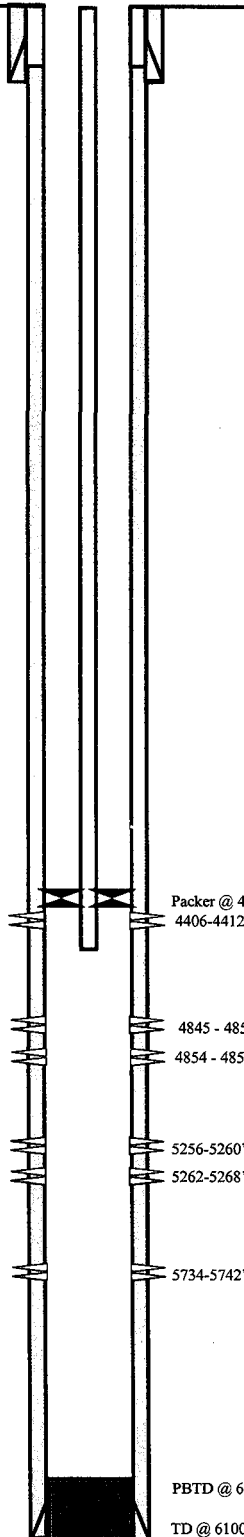
SN LANDED AT: 5797.70' KB

NO. OF JOINTS: 1 jt. (30.13')

TOTAL STRING LENGTH: EOT @ 5829.38' w/ 10' KB

## Proposed Injection Wellbore Diagram

Top of cement 226'  
Casing Shoe @ 262'



Initial Production: BOPD,  
MCFPD, BWPD

## FRAC JOB

6-26-96	4845'-4859'	12,6600 gal 2% KCL wtr, 37280 lbs 16/30 ss. ATP 2100 psi, ATR 19.4 bpm, screen out w/29,229 lbs ss on formation flow back 110 bbls wtr.
2/27/02		Rod job. Update rod and tubing details.
11/18/04	5734-5742'	<b>Frac CP.5 sands as follows:</b> 24,608#'s 20/40 sand in 239 bbls Lightning Frac 17 fluid. Treated @ ave press of 3381 w/avg rate of 14.4 BPM. ISIP 1880 psi. Calc flush: 5732 gal. Actual flush: 1374 gal.
11/19/04	5256-5268'	<b>Frac A1 sands as follows:</b> 4,500#'s (designed for 20,000#) 20/40 sand in 80 bbls Lightning Frac 17 fluid. Treated @ ave press of 3600 w/avg rate of 14.4 BPM. ISIP 7850 psi. Screen out.
11/19/04	4845-4859'	<b>Frac D1 sands as follows:</b> 50,151#'s 20/40 sand in 405 bbls Lightning Frac 17 fluid. Treated @ ave press of 5630 w/avg rate of 13.8 BPM. ISIP 5560 psi. Screened out.
11/22/04	4406-4412'	<b>Frac GB6 sands as follows:</b> 19,962#'s 20/40 sand in 240 bbls Lightning Frac 17 fluid. Treated @ ave press of 2396 w/avg rate of 24.4 BPM. ISIP 1840 psi. Calc flush: 4404 gal. Actual flush: 3481 gal. Stuck pump. Updated rod & tubing details.
9-17-08		

## PERFORATION RECORD

6/25/96	4845'-4853'	4 JSPF	32 holes
6/25/96	4854'-4859'	4 SPF	20 holes
11/17/04	5734-5742'	4 JSPF	32 holes
11/17/04	5262-5268'	4 JSPF	24 holes
11/17/04	5256-5260'	4 JSPF	16 holes
11/17/04	4854-4859'	4 JSPF	20 holes (reperfed)
11/17/04	4845-4853'	4 JSPF	32 holes (reperfed)
11/17/04	4406-4412'	4 JSPF	24 holes

**NEWFIELD**

**Monument Federal #33-6-9-16Y**

1850' FSL & 1850' FEL

NW/SE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31589; Lease #UTU-74390

JL 1/11/2012

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Federal #33-6-9-16Y from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Federal #33-6-9-16Y well, the proposed injection zone is from Garden Gulch to Castle Peak (4148' - 6042'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3809' and the TD is at 6100'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #33-6-9-16Y is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74390) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 262' KB, and 5-1/2", 15.5# casing run from surface to 6080' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1811 psig.

**2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Federal #33-6-9-16Y, for existing perforations (4406' - 5742') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1811 psig. We may add additional perforations between 3809' and 6100'. See Attachments G and G-1.

**2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Federal #33-6-9-16Y, the proposed injection zone (4148' - 6042') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-14.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

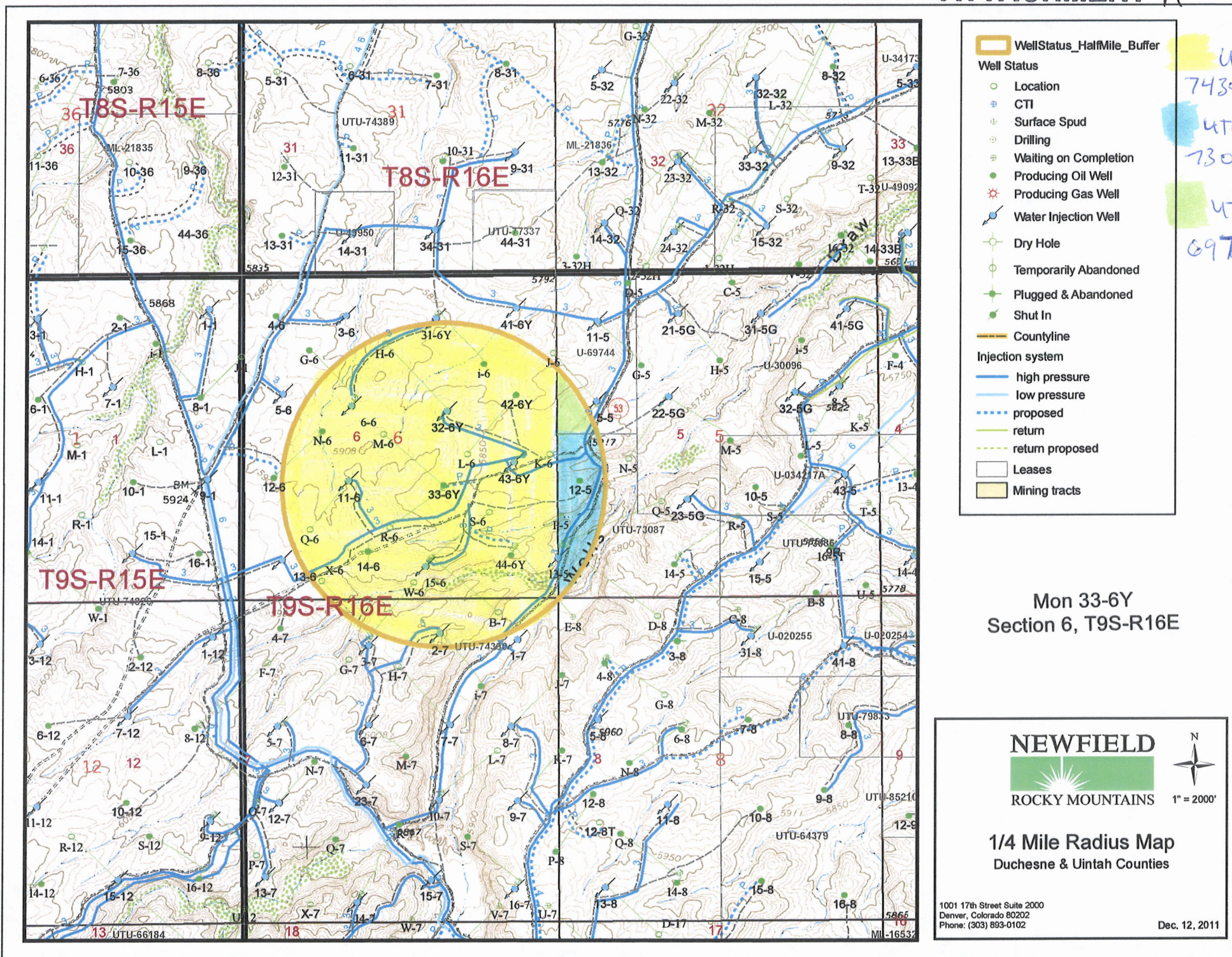
**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





Mon 33-6Y  
Section 6, T9S-R16E

NEWFIELD



1/4 Mile Radius Map  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

Dec. 12, 2011



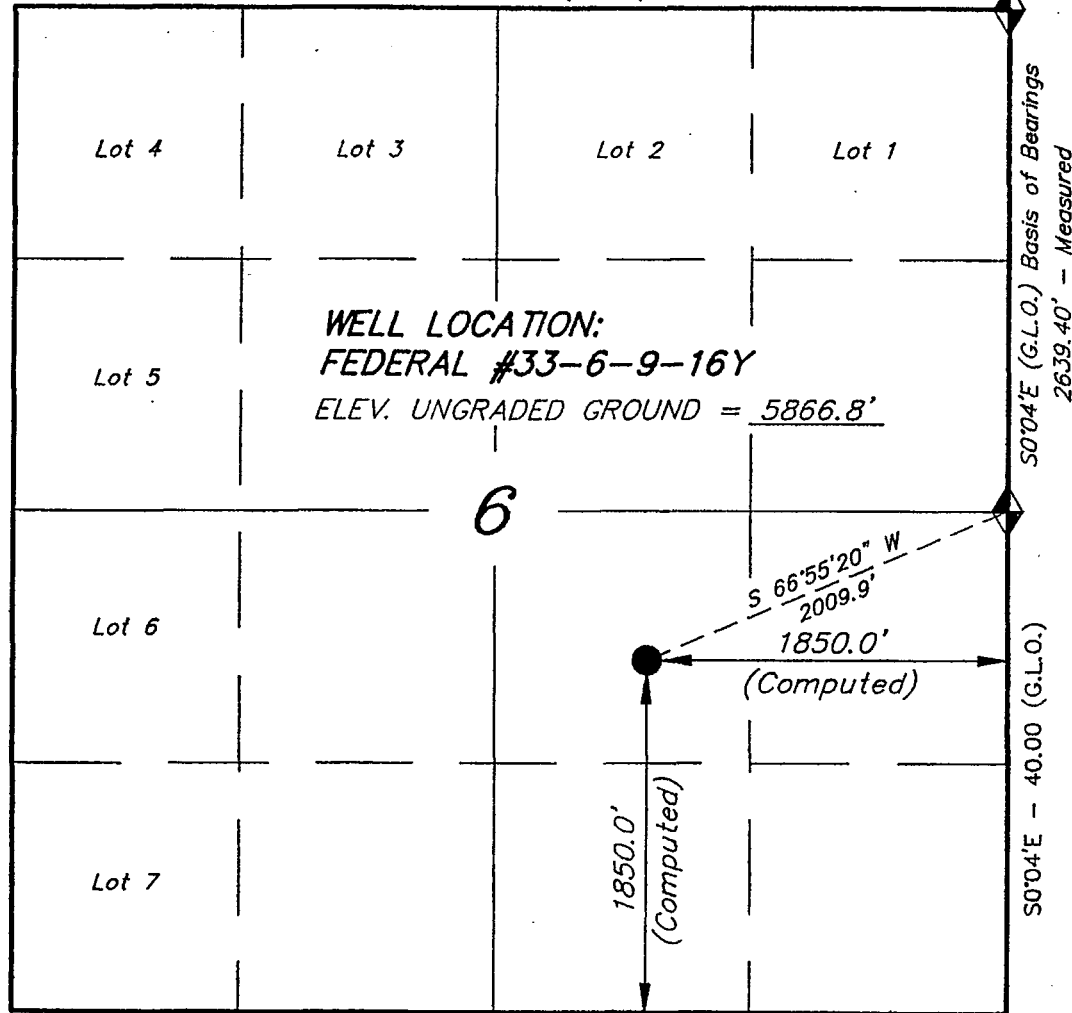
EXHIBIT "K"

T9S, R16E, S.L.B.&amp;M.

**EQUITABLE RESOURCES ENERGY CO.**

S89°57'E - 77.68 (G.L.O.)

NORTH - 80.00 (G.L.O.)



WELL LOCATION, FEDERAL #33-6-9-16Y,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 6, T9S, R16E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
GENE STEWART  
REGISTRATION NO. 10441024  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH VERNAL, UTAH 84078

(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-19-95

WEATHER: COOL

NOTES:

FILE #



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 6: ALL Section 7: ALL Section 8: W2 Section 17: NW Section 18: NE, E2NW, Lots 1, 2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp Myco Industries Inc Oxy Y-1 Company Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 5: W2SW, SESW	USA UTU-73087 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 5: SWNW, Lot 4	USA UTU-69744 HBP	Newfield Production Company Newfield RMI LLC Buie H C Fischer James Four M Co Greenburg Z Trust Lewis Michael D Lowe Thomas K Massad Ralph Estate Merritt Margaret Powers Ray B Jr	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Federal #33-6-9-16Y

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

Newfield Production Company  
Eric Sundberg  
Regulatory Lead

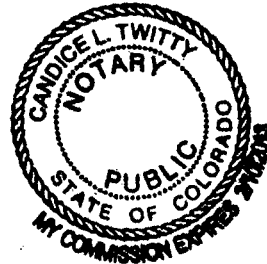
Sworn to and subscribed before me this 23<sup>rd</sup> day of March, 2012.

Notary Public in and for the State of Colorado: \_\_\_\_\_

Candice L. Twitty

My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_



## Monument Federal #33-6-9-16Y

Spud Date: 6/4/96

Put on Production: 7/10/96

GL: 5867' KB: 5877

Initial Production: BOPD,  
MCFPD, BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts (252')

DEPTH LANDED: 262'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, 2% CaCl<sub>2</sub>, 1/4#/sx cello flakePRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts. (6070')

DEPTH LANDED: 6080'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Super "G", 3% salt, 2% gel, 2#/sx kol-seal,  
1/4#/sx cello flake. Tail w/290 sxs 50/50 poz, 2% gel, 1/4#/sx kol-seal.

CEMENT TOP: 226'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 185 jts. (5752.41')

TUBING ANCHOR: 5762.41' KB

NO. OF JOINTS: 1 jts. (32.49')

SN LANDED AT: 5797.70' KB

NO. OF JOINTS: 1 jt. (30.13')

TOTAL STRING LENGTH: EOT @ 5829.38' w/ 10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 6 - 1 1/2" wt rods, 36- 34" guide rods (Btm 25 New), 90 - 3/4" slick rods, 100 - 3/4" guide rods (Top 12 New), 1-6' x 3/4" pony rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16" RHAC

STROKE LENGTH: 85"

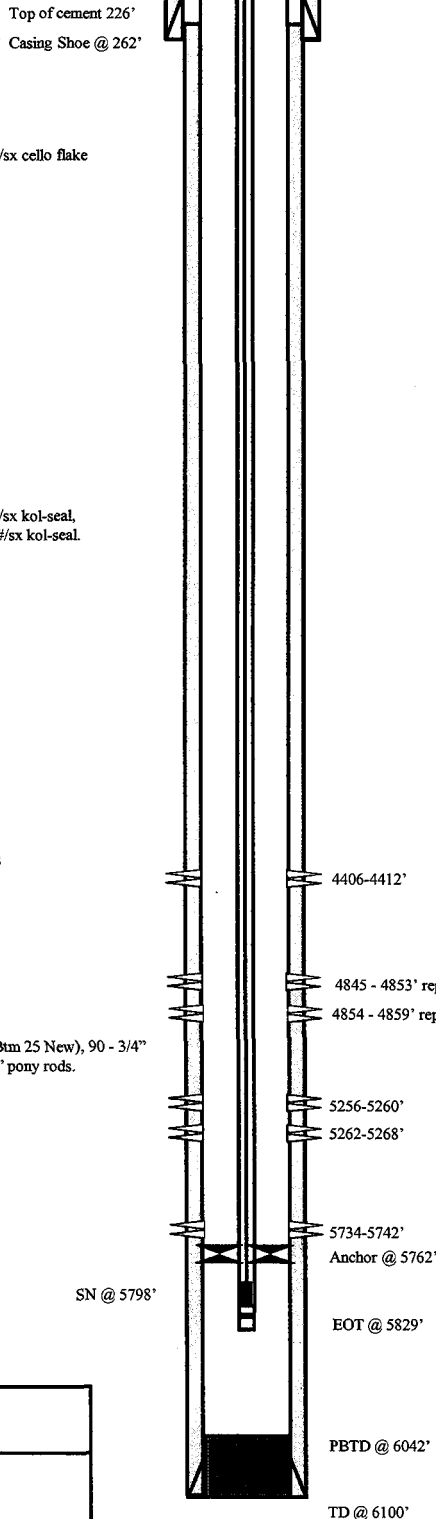
PUMP SPEED, SPM: 4 SPM

FRAC JOB

6-26-96	4845'-4859'	12,6600 gal 2% KCL wtr, 37280 lbs 16/30 ss. ATP 2100 psi, ATR 19.4 bpm, screen out w/29,229 lbs ss on formation flow back 110 bbls wtr.
2/27/02		Rod job. Update rod and tubing details.
11/18/04	5734-5742'	<b>Frac CP.5 sands as follows:</b> 24,608#'s 20/40 sand in 239 bbls Lightning Frac 17 fluid. Treated @ ave press of 3381 w/avg rate of 14.4 BPM. ISIP 1880 psi. Calc flush: 5732 gal. Actual flush: 1374 gal.
11/19/04	5256-5268'	<b>Frac A1 sands as follows:</b> 4,500#'s (designed for 20,000#) 20/40 sand in 80 bbls Lightning Frac 17 fluid. Treated @ ave press of 3600 w/avg rate of 14.4 BPM. ISIP 7850 psi. Screen out.
11/19/04	4845-4859'	<b>Frac D1 sands as follows:</b> 50,151#'s 20/40 sand in 405 bbls Lightning Frac 17 fluid. Treated @ ave press of 5630 w/avg rate of 13.8 BPM. ISIP 5560 psi. Screened out.
11/22/04	4406-4412'	<b>Frac GB6 sands as follows:</b> 19,962#'s 20/40 sand in 240 bbls Lightning Frac 17 fluid. Treated @ ave press of 2396 w/avg rate of 24.4 BPM. ISIP 1840 psi. Calc flush: 4404 gal. Actual flush: 3481 gal. Stuck pump. Updated rod & tubing details.
9-17-08		

PERFORATION RECORD

6/25/96	4845'-4853'	4 JSPF	32 holes
6/25/96	4854'-4859'	4 SPF	20 holes
11/17/04	5734-5742'	4 JSPF	32 holes
11/17/04	5262-5268'	4 JSPF	24 holes
11/17/04	5256-5260'	4 JSPF	16 holes
11/17/04	4854-4859'	4 JSPF	20 holes (reperfed)
11/17/04	4845-4853'	4 JSPF	32 holes (reperfed)
11/17/04	4406-4412'	4 JSPF	24 holes

**NEWFIELD**

Monument Federal #33-6-9-16Y

1850' FSL &amp; 1850' FEL

NW/SE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31589; Lease #UTU-74390

## Monument Federal 31-6Y-9-16

Spud Date: 11/20/96  
 Put on Production: 1/2/97  
 GL: 5855.4' KB: 5865' (10'KB)

Initial Production:  
 62 BOPD, 193 MCFPD, 16 BWPD

**SURFACE CASING**

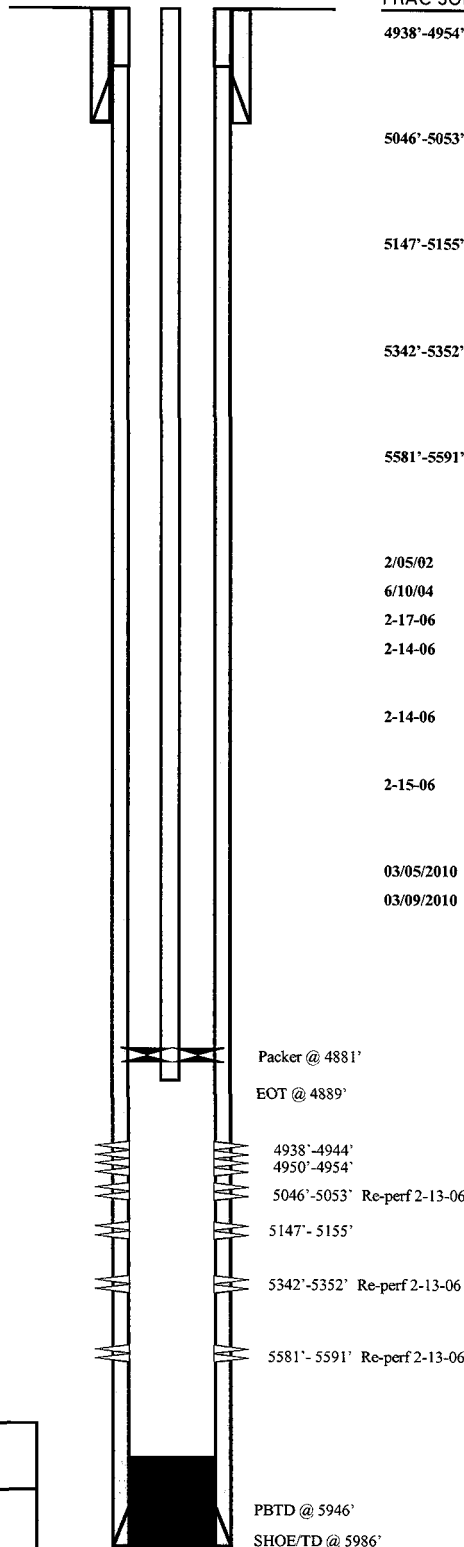
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH:  
 DEPTH LANDED: 260.50' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH:  
 DEPTH LANDED: 5986.71' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 310 sxs "C" & 435 sxs 50/50 Poz  
 CEMENT TOP AT: 100' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 152 jts (4870.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT : 4880.2' KB  
 CE @ 4881.3'  
 TOTAL STRING LENGTH: EOT @ 4889'

**Injection Wellbore Diagram****FRAC JOB**

4938'-4954'	<b>Frac as follows:</b> Break down w/ 2478 gals 2% KCL water. Frac w/ 8200# 20/40 mesh sand and 20,300# 16/30 mesh sand w/12,684 gals 2% KCL gelled water. ISIP 2160 psi.
5046'-5053'	<b>Frac as follows:</b> Break down w/ 1764 gals 2% KCL water. Frac w/12,900# 20/40 mesh sand and 32,400# 16/30 mesh sand w/17,472 gals 2% KCL gelled water. ISIP 2160 psi.
5147'-5155'	<b>Frac as follows:</b> Break down w/1596 gals 2% KCL water. Frac w/12,900# 20/40 mesh sand and 32,400# 16/30 mesh sand w/17,472 gals 2% KCL gelled water. ISIP 2160 psi.
5342'-5352'	<b>Frac as follows:</b> Break down w/2646 gals 2% KCL water. Frac w/8,600# 20/40 mesh sand and 24,200# 16/30 mesh sand w/13,566 gals 2% KCL gelled water.
5581'-5591'	<b>Frac as follows:</b> Break down w/2394 gals 2% KCL water. Frac w/87,000# 20/40 mesh sand and 18,800# 16/30 mesh sand w/14,196 gals 2% KCL gelled water. ISIP 2450 psi.
2/05/02	<b>Tubing leak.</b> Update rod and tubing details.
6/10/04	<b>Tubing Leak.</b> Update rod and tubing details.
2-17-06	<b>Re-Completion</b>
2-14-06	<b>5581'-5591'</b> <b>Frac LODC sands as follows:</b> 54817# 20/40 sand in 499 bbls Lightning 17 frac fluid. 13.9 BPM. ISIP 3275 psi.
2-14-06	<b>5342'-5352'</b> <b>Frac A1 sands as follows:</b> 55281# 20/40 sand in 472 bbls Lightning 17 frac fluid. 14.1 BPM. ISIP 2400 psi
2-15-06	<b>5046'-5053'</b> <b>Frac D3 sands as follows:</b> 27736# 20/40 sand in 324 bbls Lightning 17 frac fluid. 13.9 BPM. Screened out w/23354# sand in perfs.
03/05/2010	<b>Convert to Injection well</b>
03/09/2010	<b>MIT Completed - tbg detail updated</b>

**PERFORATION RECORD**

4938'-4944'	4 JSPF	24 holes
4950'-4954'	4 JSPF	16 holes
5046'-5053'	1 JSPF	7 holes
5147'-5155'	1 JSPF	8 holes
5342'-5352'	4 JSPF	40 holes
5581'-5591'	4 JSPF	40 holes
5581'-5591'	Reperf	8 JSPF 80holes
5342'-5352'	Reperf	8 JSPF 80 holes
5046'-5053'	Reperf	5 JSPF 35 holes

**Monument Federal 31-6Y-9-16**

624' FNL & 1926' FEL  
 NW/NE Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31717; Lease #UTU-74390



## Monument Federal 32-6-9-16Y

Spud Date: 3/27/97

Put on Production: 5/7/97

GL: 5885.3'

Initial Production: 5 BOPD,  
100 MCFPD, 2 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: ?

DEPTH LANDED: 315'

HOLE SIZE: 12-1/4"

CEMENT DATA: 2 x 8' Class "G" cmt, est ? bbls to surf.

200

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 6332.95'

DEPTH LANDED: 6342.95'

HOLE SIZE: 7-7/8"

CEMENT DATA: 175 sks Premium &amp; 450 sks 50/50 Poz

CEMENT TOP AT: 2500'

TUBING

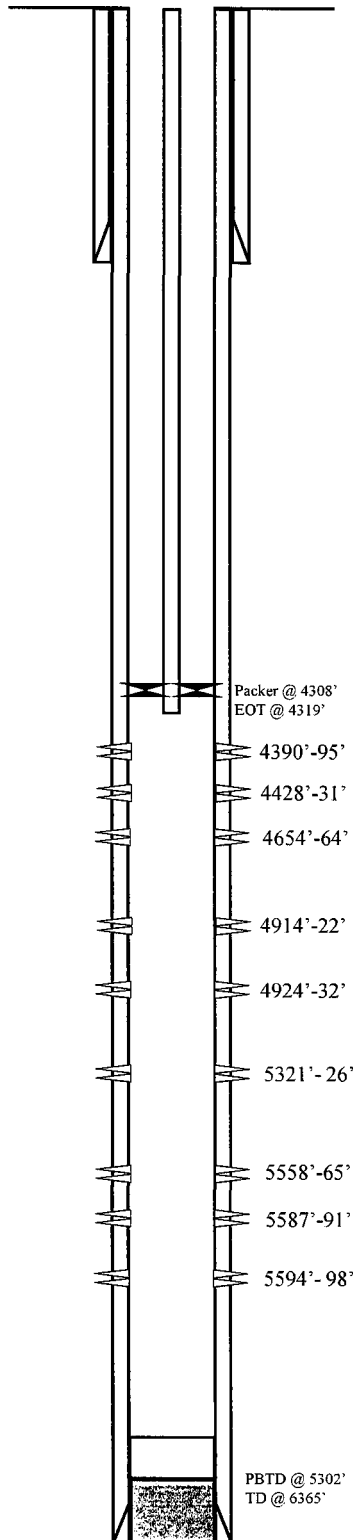
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 139 jts (4600.66' KB)

PACKER: 4308.45'

TOTAL STRING LENGTH: 4319.26'

SN LANDED AT: 4872'

Injection Wellbore  
DiagramFRAC JOB

4-21-97	5558'-5598'	<b>Frac as follows:</b> Break down w/ 2940 gals 2% KCL water. Frac w/ 13,500# 20/40 mesh sand and 36,300# 16/30 mesh sand w/17,136 gals 2% KCL gelled water. ISIP-2300 psi. ATP-2300 psi and ATR-31.4 BPM.
4-23-97	5321'-5326'	<b>Frac as follows:</b> Break down w/ 2688 gals 2% KCL water. Frac w/4500# 20/40 mesh sand and 13,300# 16/30 mesh sand w/10,794 gals 2% KCL gelled water. ISIP-2200 psi, 5 min 1900 psi. ATP-2300 psi and ATR- 20.5 BPM.
4-25-97	4654'-4664'	<b>Frac as follows:</b> Frac w/27,300# 16/30 mesh sand w/12,180 gals 2% KCL gelled water. ATP-2400 psi and ATR-24.9 BPM. ISIP-2750 psi, 5 min 2260 psi.
4-28-97	4390'-4431'	<b>Frac as follows:</b> Break down w/1848 gals 2% KCL water. Frac w/23,700# 16/30 mesh sand w/10,960 gals 2% KCL gelled water. ATP-2850 psi and ATR-28 BPM. ISIP- 2300 psi, 5 min 1791 psi
2-5-00	4914'-4932'	<b>Break perfs as follows:</b> Break down perfs @ 1800 psi. Begin injecting into D sands @ 100 BPD.
11-10-99		Convert to injection well
2/10/05		5 YR MIT
01/11/10		5 YR MIT

PERFORATION RECORD

4-18-97	5558'-5565'	4 JSPF	28 holes
4-18-97	5587'-5591'	4 JSPF	16 holes
4-18-97	5594'-5598'	4 JSPF	16 holes
4-23-97	5321'-5326'	4 JSPF	20 holes
4-25-97	4654'-4664'	4 JSPF	40 holes
4-28-97	4390'-4395'	4 JSPF	20 holes
4-28-97	4428'-4431'	4 JSPF	12 holes
2-5-00	4924'-4932'	4 JSPF	32 holes
2-5-00	4914'-4922'	4 JSPF	32 holes



Monument Federal #32-6-9-16Y

2229 FNL 1792 FEL

SWNE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31300; Lease #UTU-74390

BDH 7/10/01

## Monument Federal #42-6Y-9-16

Spud Date: 7/8/96

Put on Production: 8/22/96

GL: 5835' KB: 5845' (10' KB)

Initial Production: 55 BOPD, 0  
MCFPD, 0 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 5 jts (242.22')

DEPTH LANDED: 252.22' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 142 jts. (5967.34')

DEPTH LANDED: 5977.34' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 395 sxs Super "G" &amp; 435 sxs 50/50 Poz

CEMENT TOP AT: 460'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 181 jts. (5734.2')

TUBING ANCHOR: 5734.2'

NO. OF JOINTS: 1 jt. (33.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5770.0' KB

NO. OF JOINTS: 1 jt. (31.5')

TOTAL STRING LENGTH: EOT @ 5807'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM

SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rod, 99-3/4" guided rods,  
46-3/4" guided rods, 80-3/4" guided rods, 1-1 5/8" weight bar, 5-1 1/2" weight  
bars

PUMP SIZE: 2 1/2" x 1 1/2" x 14' RHAC

STROKE LENGTH: 74"

PUMP SPEED, SPM: 4

FRAC JOB

7-30-96 5382'-5594'

Frac sand as follows:

95,700# of 20/40 sd and 215,440# 16/30  
sd w/87,612 gals 2% KCL water. Treated  
@ avg rate 60.5 bpm, avg press 2800 psi.  
Breakdown @ 3137 psi. ISIP-2600 psi,  
5-min 1900 psi.

8-07-96 4871'-4890'

Frac sand as follows:

53,014# of 16/30 sd w/20,016 gals 2%  
KCL water. Treated @ avg rate of 31.8  
BPM, avg press 2450 psi. ISIP-2200 psi,  
5-min 1950 psi.

8-07-96 4310'-4426'

Frac sand as follows:

48,800# 16/30 sand w/25,704 gals 2%  
KCL water. Treated w/avg press of 2900  
psi w/avg rate of 30.8 BPM. ISIP-1900  
psi, 5 min 1760 psi.

9/19/01

Tubing job. Update rod and tubing details.

03-17-03 5824'-5845'

Frac CP2 sand as follows:

65,300# 20/40 sand in YF 125 fluid. Treated  
w/avg press of 3875 psi w/avg rate of 16.5  
BPM. ISIP-2275 psi. Actual Flush: 1439 gals.  
Calc. Flush: 1515 gals.

03-17-03 5240'-5246'

Frac A .5 sands as follows:

19,560# 20/40 sand in YF 125 fluid.  
Treated w/avg press of 4916 psi w/ avg rate of  
15.2 BPM. Zone screened off 14 bbls. into  
flush. ISIP 4916

03-18-03 5082'-5096'

Frac B .5 sands as follows:

44,833# 20/40 sand in 275 Bbls YF 125 fluid.  
Treated w/avg press of 3919 psi w/ avg rate of  
17.3 BPM. ISIP-2440 psi. Actual Flush: 1217  
gals. Calc. Flush: 1314 gals.

03-18-03 4612'-4615'

Frac PB10 sands as follows:

18,989# 20/40 sand in 139 bbls YF 125 fluid.  
Treated w/avg press of 3664 psi w/avg rate of  
14 BPM. ISIP-2396 psi. Actual Flush: 1059  
gals. Calc. Flush: 1210 gals.

2/2/04

Tubing leak. Update rod and tubing details.

03/19/07

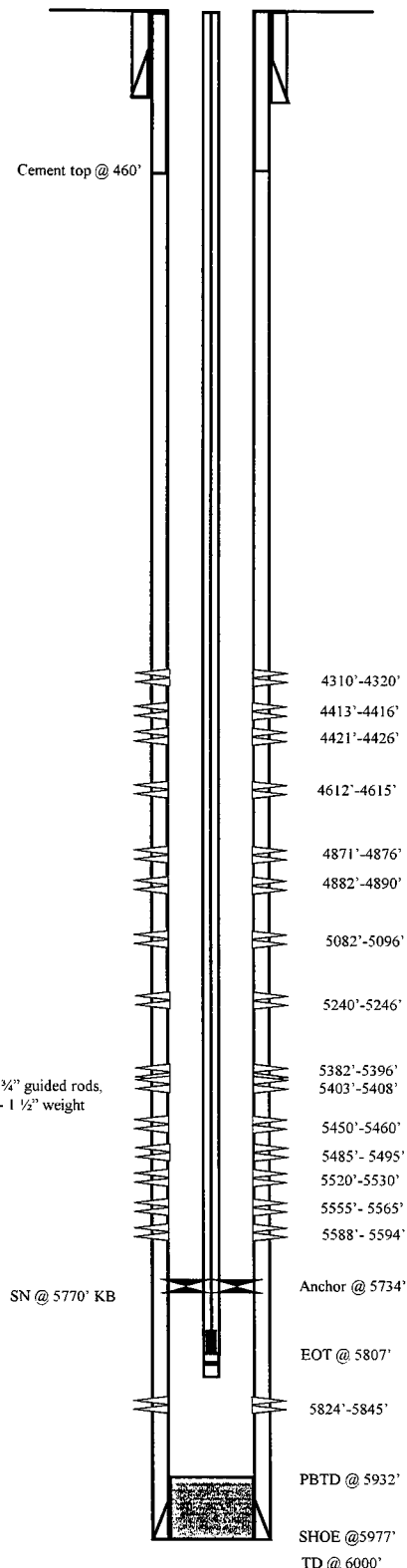
Pump Change. Update rod and tubing details.

3/17/10

Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

7-29-96	5588'-5594'	1 JSPF	6 holes
7-29-96	5555'-5565'	1 JSPF	10 holes
7-29-96	5520'-5530'	1 JSPF	10 holes
7-29-96	5485'-5495'	1 JSPF	10 holes
7-29-96	5450'-5460'	1 JSPF	10 holes
7-29-96	5403'-5408'	1 JSPF	5 holes
7-29-96	5382'-5396'	1 JSPF	14 holes
8-06-96	4871'-4876'	4 JSPF	20 holes
8-06-96	4882'-4890'	4 JSPF	32 holes
8-07-96	4421'-4426'		3 holes
8-07-96	4413'-4416'		3 holes
8-07-96	4310'-4320'		8 holes
03-14-03	5824'-5845'	4 JSPF	84 holes
03-14-03	5240'-5246'	4 JSPF	24 holes
03-14-03	5082'-5096'	4 JSPF	46 holes
03-14-03	4612'-4615'	4 JSPF	12 holes



NEWFIELD

Monument Federal #42-6Y-9-16Y  
1980 FNL & 660 FEL  
SE/NE Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31645; Lease #UTU-74390

## Monument Federal 43-6-9-16

Spud Date: 6/27/96  
Put on Production: 8/06/96  
Put on Injection: 11/15/99  
GL: 5837' KB: ?

Initial Production: 56 BOPD,  
0 MCFPD, 90 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 5 jts (242.22')  
DEPTH LANDED: 264'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surf.

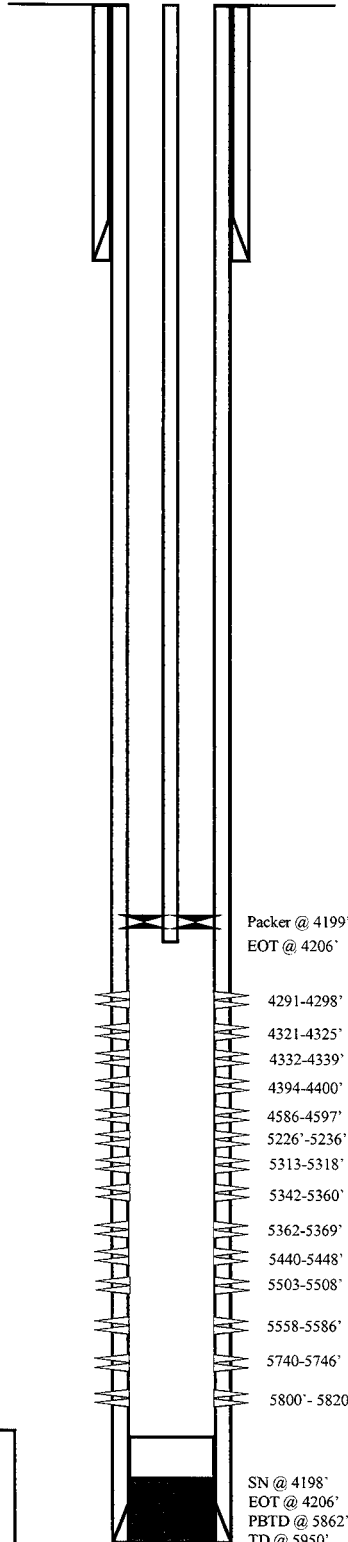
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts.  
DEPTH LANDED: 5908'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Super "G" & 390 sxs 50/50 Poz  
CEMENT TOP AT: 275' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 134 jts @ 4188.28'  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4198.28'  
PACKER: 4199.38'  
TOTAL STRING LENGTH: EOT @ 4206.38'

### Injection Wellbore Diagram



### FRAC JOB

7-15-96 5558'-5586' **Frac sand as follows:**  
40,370# of 20/40 sd and 87,030# 16/30 sd w/35,028 gals 2% KCL water. Treated @ avg rate 38 BPM, avg press 3250 psi. ISIP-3550 psi, 5-min 2300 psi.

7-18-96 5440'-5508' **Frac sand as follows:**  
16,790# of 20/40 sd and 41,110# 16/30 sd w/21,000 gals 2% KCL water. Treated @ avg rate of 30.5 BPM, avg press 3250 psi. ISIP-2430 psi, 5-min 1820 psi.

7-23-96 4586'-4597' **Frac sand as follows:**  
49,500# 16/30 sand w/15,708 gals 2% KCL water. Treated w/avg press of 2500 psi w/avg rate of 20.2 BPM. ISIP-2950 psi, 5 min 2270 psi.

7-23-96 4291'-4400' **Frac sand as follows:**  
109,700# 16/30 sand w/36,666 gals 2% KCL water. Treated w/avg press of 2350 psi w/avg rate of 29.9 BPM. ISIP-2000 psi, 5 min 1690 psi.

11/15/99 **Convert to Injection well**  
11/13/06 **Re-Completion (new perfs)**  
11/09/06 5740'-5820' **Frac CP.5 & CP2 sands as follows:**  
39,090# 20/40 sand in 355 bbls Lightning 17 frac fluid. Treated w/ ave press of 4035@ ave rate of 14.5 BPM. ISIP was 2030 psi. Calc flush 2559, actual flush 1386

11/10/06 5226'-5236' **Frac A & LODC sands as follows:**  
82,720# 20/40 sand in 648 bbls Lightning 17 frac fluid. Treated @ avg press of 3980 w/ avg rate of 14.6 BPM. ISIP 2290 psi. Actual flush 1260, Calc flush 2046

10/28/04 **5 yr MIT**

### PERFORATION RECORD

Date	Interval	Tool	Holes
7-12-96	5558'-5586'	4 JSPF	112 holes
7-17-96	5503'-5508'		9 holes
7-17-96	5440'-5448'		9 holes
7-18-96	5362'-5369'	4 JSPF	28 holes
7-18-96	5342'-5360'	4 JSPF	72 holes
7-18-96	5313'-5318'	4 JSPF	20 holes
7-22-96	4586'-4597'	4 JSPF	44 holes
7-23-96	4394'-4400'		4 holes
7-23-96	4332'-4339'		5 holes
7-23-96	4321'-4325'		4 holes
7-23-96	4291'-4298'		5 holes
11/08/06	5800'-5850'	4 JSPF	80 holes
11/08/06	5740'-5746'	4 JSPF	24 holes
11/08/06	5226'-5236'	4 JSPF	40 holes



**Monument Federal 43-6Y-9-16**  
2214' FSL 707' FEL  
NE/SE Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31644; Lease #UTU-74390

## Monument Federal 44-6-9-16

Spud Date: 12/29/96  
Put on Production: 4/3/03  
GL: 5861' KB: 5875'

Initial Production: 17.5 BOPD,  
43.1 MCFPD, .25 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 5 jts (246')  
DEPTH LANDED: 256'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt. Cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5900')  
DEPTH LANDED: 5910'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 305 sxs premium lite cement, tail w/385 sxs 50/509 poz.  
TOP OF CEMENT: 100' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 179 jts (5584.8')  
TUBING ANCHOR: 5688.8'  
NO. OF JOINTS: 1 jt (31.5')  
SN LANDED AT: 5723.1'  
NO. OF JOINTS: 1 jts (33.13')  
TOTAL STRING LENGTH EOT @ 5758'

SUCKER RODS

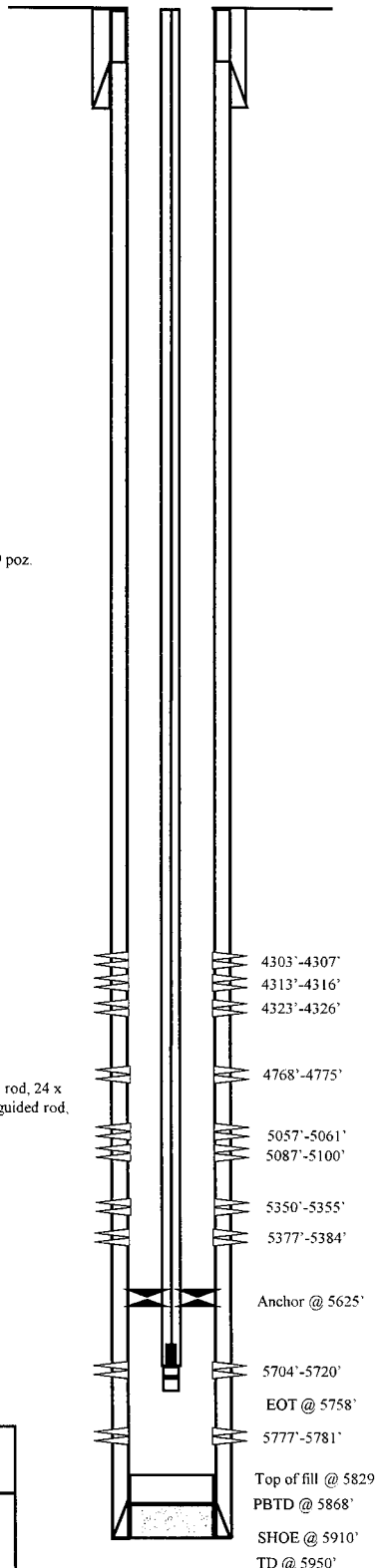
POLISHED ROD: 1-1/4" x 22'  
SUCKER RODS: 6-1-1/2" = 150' weight bars, 15 x 3/4" = 375' guided rod, 24 x 3/4" = 600' guided rods, 94 x 1/2" = 2350' sucker rod, 89 x 1/4" = 2225' guided rod, 2 x 1/4" = 16' pony rod, 1 x 1/4" = 6' pony rod  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 73"  
PUMP SPEED, SPM: 5 SPM

FRAC JOB

1/9/97	5350'-5384'	14,110# 20/40 sand + 26,520# 16/30 sand in 346 bbls 2% KCL wtr. Avg. treating press. 1950 psi, @ 26.3 bpm, ISIP: 1950 psi. Calc. flush: 5350 gal. Actual flush: 5334 gal.
1/13/97	5087'-5100'	11,430# 20/40 sand + 28,020# 16/30 sand in 343 bbls 2% KCL wtr. Avg. treating press. 1900 psi, @ 26.2 bpm, ISIP: 1800 psi. Calc. flush: 5087 gal. Actual flush: 5040 gal.
2/6/02		Tubing leak. Update rod and tubing details.
1/8/03		Pump Change. Update rod details.
3/24/03	5704'-5781'	<b>Frac CP sands as follows:</b> 75,300# 20/40 sand in YF 125 fluid. Treated @ avg. press. 4386 psi, with avg. rate of 17.2 bpm, ISIP: 2028 psi. Calc. flush: 1490 gal. Actual flush: 1387 gal.
3/26/03	5057'-5061'	<b>Frac B1 sands as follows:</b> 20,500# 20/40 sand in YF 125 fluid. Treated @ avg. press. 2668 psi, with avg. rate of 18.8 bpm, ISIP: 2020 psi. Calc. flush: 5057 gal. Actual flush: 4938 gal.
3/26/03	4768'-4775'	<b>Frac DS3 sands as follows:</b> 9,109# 20/40 sand in YF 125 fluid. Treated @ avg. press. 2636 psi, with avg. rate of 15.8 bpm. Screened out, ISIP: NA psi. Calc. flush: 4768 gal. Actual flush: 2058 gal.
3/27/03	4303'-4326'	<b>Frac GB sands as follows:</b> 23,044# 20/40 sand in YF 125 fluid. Treated @ avg. press. 1669 psi, with avg. rate of 18.0 bpm, ISIP: 1880 psi. Calc. flush: 4303 gal. Actual flush: 4201 gal.
9/10/03		Stuck Plunger. Update rod details.
11/04/03		Tubing Leak : Update rod and tubing report.
12-12-07		Pump Change. Updated rod & tubing details.
2/6/09		Pump Change. Updated r & t detail.
3/10/11		Parted Rods. Updated rod & tubing detail.

PERFORATION RECORD

1/08/97	5350'-5355'	4 SPF	20 holes
1/08/97	5377'-5384'	4 SPF	28 holes
1/13/97	5087'-5100'	4 SPF	52 holes
3/24/03	5777'-5781'	4 SPF	16 holes
3/24/03	5704'-5720'	4 SPF	64 holes
3/26/03	5087'-5100'	4 SPF	52 holes
3/26/03	5057'-5061'	4 SPF	16 holes
3/27/03	4768'-4775'	4 SPF	28 holes
3/27/03	4323'-4326'	4 SPF	12 holes
3/27/03	4313'-4316'	4 SPF	12 holes
3/27/03	4303'-4307'	4 SPF	16 holes



NEWFIELD

Monument Federal #44-6-9-16Y

816' FSL & 725' FEL  
SESE Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31720; Lease #UTU-74390

## West Point Federal #12-5-9-16

Spud Date: 10/23/00  
Put on Production: 1/23/01  
GL: 5815' KB: 5825'

Initial Production: 175 BOPD,  
145 MCFD, 17 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 303'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" with additives.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5991'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sx PremLite II with additives, followed by 580 sx 50/50 Pozmix.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5531.49')  
TUBING ANCHOR: 5541.49' KB  
NO. OF JOINTS: 1 jts (5544.27')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5575.59' KB  
NO. OF JOINTS: 1 jts (5576.69')  
TOTAL STRING LENGTH: EOT @ 5608.08'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1 1/2" weight bars; 27-3/4" scraped rods; 105-3/4" plain,  
88-3/4" scraped rods, 1-2", 1-4", 1-6" x 3/4" pony rods.  
PUMP SIZE: 1-1/2" x 2-1/2" x 14' RHAC pump  
STROKE LENGTH: 52"  
PUMP SPEED, SPM: 4 SPM  
LOGS: DLL-MSFL, FDC-CNL

FRAC JOB

1/24/01	5390'-5570'	<b>Frac LDC sands as follows:</b> 213,180# 20/40 sand in 1375 bbls Viking I-25 fluid. Treated w/ avg. press of 2700 psi @ 36.5 BPM. ISIP 2750 psi. Calc. flush: 5390 gal. Actual flush: 5355 gal.
1/25/01	5112'-5243'	<b>Frac A/B sands as follows:</b> 227,120# 20/40 sand in 1452 bbls Viking I-25 fluid. Treated w/ avg press of 1800 psi @ 31.2 BPM. ISIP 2120 psi. Calc. flush: 5112 gal. Actual flush: 5040 gal.
1/26/01	4882'-4988'	<b>Frac D/C sands as follows:</b> 83,000# 20/40 sand in 577 bbls Viking I-25 fluid. Treated w/ avg press of 1800 psi @ 30 BPM. ISIP 2135 psi. Calc. flush: 4882 gal. Actual flush: 4788 gal.
9/24/01		Pump change. Update rod and tubing details.
11/24/03		Pump Change. Update rod and tubing detail.
2/27/04		Tubing leak. Update rod and tubing detail.
12/22/04		Pump Change. Update rod and tubing details.

SN @ 5576'

4882'-4890'

4978'-4988'

5112'-5136'

5226'-5243'

5390'-5395'

5451'-5457'

5479'-5484'

5511'-5523'

Anchor @ 5541'

5551'-5570'

EOT @ 5608'

Top of Fill @ 5725'

PBTD @ 5980'

SHOE @ 5991'

TD @ 6000'

PERFORATION RECORD

1/23/01	5390'-5395'	20 holes
1/23/01	5451'-5457'	24 holes
1/23/01	5479'-5484'	20 holes
1/23/01	5511'-5523'	48 holes
1/23/01	5551'-5570'	76 holes
1/24/01	5226'-5243'	68 holes
1/24/01	5112'-5136'	96 holes
1/25/01	4978'-4988'	40 holes
1/25/01	4882'-4890'	32 holes



**West Point #12-5-9-16**  
1909' FSL & 377' FWL  
NW/SW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31933; Lease #UTU-73087

## West Point Federal #13-5-9-16

Spud Date: 11/06/00  
Put on Production: 1/22/01  
GL: 5775' KB: 5785'

Initial Production: 312 BOPD,  
291 MCFD, 39 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 315'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G".

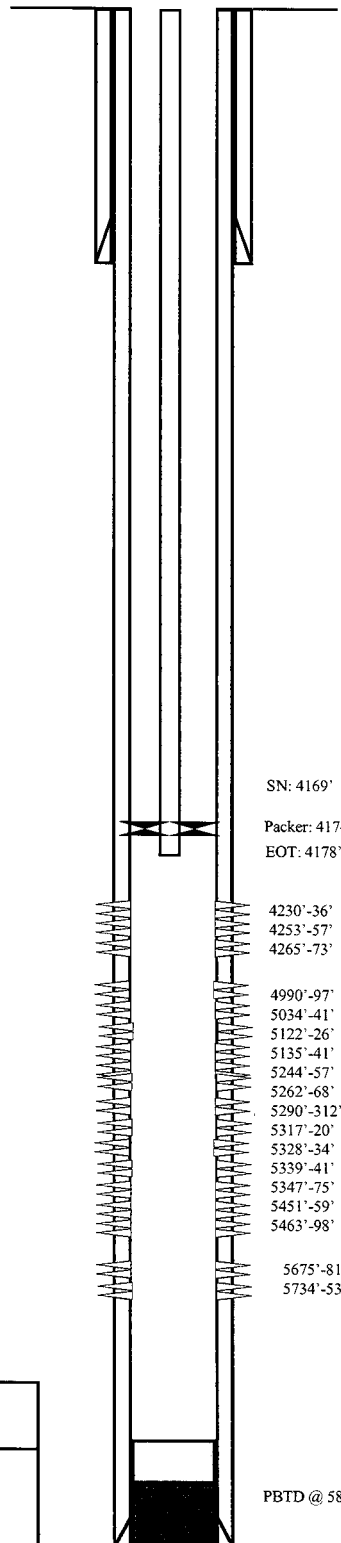
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5935'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sx Premlite II with additives; followed by 560 sx 50/50 Pozmix plus additives.

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5# / 8rd  
NO. OF JOINTS: 129 jts (4159.45)  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 4169.45' KB  
TOTAL STRING LENGTH: EOT @ 4178.05'

### Injection Wellbore Diagram



### FRAC JOB

1/12/01	5675'-5753'	Frac CP.5 & CP2 sands with 101,120# 20/40 sand in 699 bbls Viking I-25 fluid. Perfs broke back @ 3434 psi @ 4 BPM. Avg. pressure 2050 psi w/avg. rate of 29.9 BPM. ISIP 2330 psi. Left pressure on well.
1/12/01	5451'-5498'	Frac LODC1 sds w/194,620# of 20/40 sand in 1245 bbls Viking I-25 fluid. Perfs broke @ 4011 psi. Treated @ avg press of 2680 psi, w/avg rate of 37.8 BPM. ISIP 2440 psi. Left press on well.
1/15/01	5244'-5375'	Frac A3 & LODC2 sands with 24,000 gals of Viking I-25 pad & 49,316 gals of Viking I-25 fluid with 321,700# of 20/40 sand. Pressure 2640 psi max; 2400 psi avg at 36 BPM. ISIP 2650 psi.
1/15/01	4990'-5141'	Frac B1 & A5 sand with 16,170 gals of Viking I-25 fluid with 97,700# 20/40 sand. 2250 psi max pressure, with avg rate of 28 BPM. Note: had to SD 173 bbls into 6.5 ppg stage (277 bbls) for repairs. Down est. 8 min - resume treatment. Flowed back frac; start flow back @ 5 pm; end @ 7:45 pm, at rate of 1 BPM. 564 BLTR.
1/16/01	4230'-4273'	Frac GB4 sds w/74,000# 20/40 sand in 507 bbls Viking I-25 fluid. Perfs broke @ 4393 psi. Treated @ avg press of 2200 psi, w/avg rate of 26.7 BPM. ISIP 2600 psi. Start immed. flowback on 12/64" choke @ 1 BPM. Flowed 4 hrs & died. Rec. 220 BTP.
1/6/06		Well converted to an Injection well.
1/26/06		MIT completed and submitted.

### PERFORATION RECORD

1/16/01	4230'-4236'	24 holes
1/16/01	4253'-4257'	16 holes
1/16/01	4265'-4273'	32 holes
1/15/01	4990'-4997'	28 holes
1/15/01	5034'-5041'	28 holes
1/15/01	5122'-5126'	16 holes
1/15/01	5135'-5141'	24 holes
1/12/01	5244'-5257'	52 holes
1/12/01	5262'-5268'	24 holes
1/12/01	5290'-5312'	88 holes
1/12/01	5317'-5320'	12 holes
1/12/01	5328'-5334'	24 holes
1/12/01	5339'-5341'	8 holes
1/12/01	5347'-5375'	112 holes
1/12/01	5451'-5459'	32 holes
1/12/01	5463'-5498'	140 holes
1/11/01	5675'-5681'	24 holes
1/11/01	5734'-5753'	76 holes



Newfield Produciton

West Point Federal #13-5-9-16  
887' FSL, 59.5' FWL  
SW/SW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31766; Lease #UTU-73087

PBTD @ 5883'

TD @ 5937'

## West Point Federal I-6-9-16

Spud Date: 8/18/08  
 Put on Production: 10/14/08  
 GL: 5801' KB: 5813'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: jts. (332.31')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (6436.44')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6449.69'  
 CEMENT DATA: 400 sk Prem. Lite II mixed & 490 sxs 50/50 POZ.  
 CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 196 jts (6023.43')  
 TUBING ANCHOR: 6026.23'  
 NO. OF JOINTS: 1 jts (30.75')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6056.98' KB  
 NO. OF JOINTS: 2 jts (60.37')  
 TOTAL STRING LENGTH: EOT @ 6132.36' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2', 4' x 7/8" pony rods, 238- 7/8" scraped rods, 4- 1 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 21' RHAC pump w/ sm plunger  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5.5

FRAC JOB

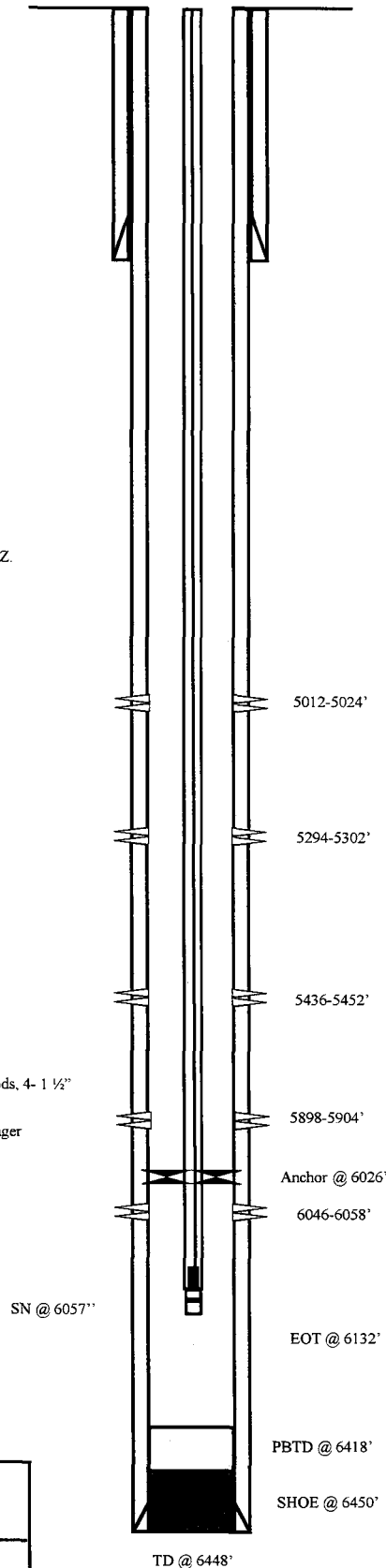
10/1/08 6046-6058' **Frac CP3 sands as follows:**  
 Frac with 34001 #'s of 20/40 sand in 392 bbls Lightning 17 fluid. Treat at an ave pressure of 1850 psi @ 27 BPM. ISIP 2130 psi.

10/1/08 5898-5904' **Frac CP.5 sands as follows:**  
 Frac with 24026 #'s of 20/40 sand in 362 bbls Lightning 17 fluid. Treat at an ave pressure 2154 psi @ 22.6 BPM. ISIP 2085 psi.

10/1/08 5436-5452' **Frac A1 sands as follows:**  
 Frac with 48619 #'s of 20/40 sand in 450 bbls Lightning 17 fluid. Treat at an ave pressure of 2019 psi @ 22.9 BPM. ISIP 2640 psi.

10/1/08 5294-5302' **Frac B1 sands as follows:**  
 Frac with 24286 #'s of 20/40 sand in 348 bbls Lightning 17 fluid. Treat at an ave pressure of 2036 psi @ 22.8 BPM. ISIP 2020 psi.

10/2/08 5012-5024' **Frac D1 sands as follows:**  
 Frac with 39577 #'s 20/40 sand in 413 bbls Lightning 17 fluid. Treat at an ave pressure of 1852 psi @ 22.6 BPM. ISIP 2066 psi.

PERFORATION RECORD

5012-5024'	4 JSPF	48 holes
5294-5302'	4 JSPF	32 holes
5436-5452'	4 JSPF	64 holes
5898-5904'	4 JSPF	24 holes
6046-6058'	4 JSPF	48 holes

NEWFIELD

West Point Federal I-6-9-16  
 646' FNL & 1893' FEL  
 NWNE Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33897; UTU-74390

Spud Date: 12/29/2009  
Put on Production: 02/02/2010  
GL: 5898' KB: 5910'

## West Point Federal N-6-9-16

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 jts. (265.03')  
DEPTH LANDED: 321.43'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 154 jts. (6296.51')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6311.12'  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 136'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 190 jts (5958.5')  
TUBING ANCHOR: 5970.5'  
NO. OF JOINTS: 2 jts (62.9')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6036.2' KB  
NO. OF JOINTS: 1 jts (31.5')  
GAS ANCHOR: 3-1/2" = 6068.7'  
TBG NIPPLE: 2-7/8" = 6073.9'  
NO OF JOINTS: 3 jts (94.6')  
TOTAL STRING LENGTH: EOT @ 6169'

**SUCKER RODS**

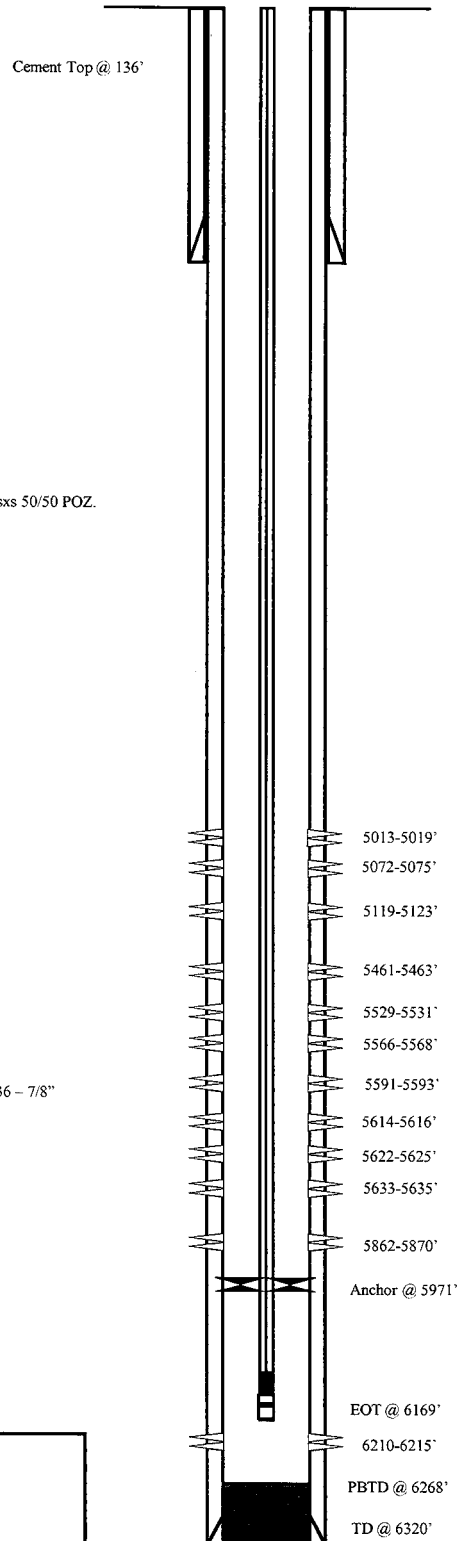
POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 -2' x 7/8", 1 -6' x 7/8" pony rods, 236 - 7/8"  
8per guided rods = 5900', 4 - 1-1/2" sinker bar.  
PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
STROKE LENGTH: 122  
PUMP SPEED: 5 SPM

**FRAC JOB**

02-03-10	6210-6215'	<b>Frac CP5 sands as follows:</b> Frac with 10747# 20/40 sand in 89 bbls Lightning 17 fluid.
02-03-10	5862-5870'	<b>Frac CP.5 sands as follows:</b> Frac with 20180# 20/40 sand in 174 bbls Lightning 17 fluid.
02-03-10	5461-5635'	<b>Frac A3 &amp; LODC sands as follows:</b> Frac with 150746# 20/40 sand in 937 bbls Lightning 17 fluid.
02-03-10	5013-5123'	<b>Frac D2, D3, &amp; C sands as follows:</b> Frac with 54111# 20/40 sand in 332 bbls Lightning 17 fluid.

**PERFORATION RECORD**

6210-6215'	3 JSPF	15 holes
5862-5870'	3 JSPF	24 holes
5633-5635'	3 JSPF	6 holes
5622-5625'	3 JSPF	9 holes
5614-5616'	3 JSPF	6 holes
5591-5593'	3 JSPF	6 holes
5566-5568'	3 JSPF	6 holes
5529-5531'	3 JSPF	6 holes
5461-5463'	3 JSPF	6 holes
5119-5123'	3 JSPF	12 holes
5072-5075'	3 JSPF	9 holes
5013-5019'	3 JSPF	18 holes

**NEWFIELD****West Point Federal N-6-9-16**

2030' FSL &amp; 545' FWL (NW/SW)

Section 6, T9S, R16E

Duchesne Co, Utah

API # 43-013-34077; Lease # UTU-74390



## Nine Mile 6-6-9-16

Spud Date: 11/6/97  
Put on Production: 12/17/97  
GL: 5841' KB: 5854'

Initial Production: 75 BOPD,  
74 MCFPD, 36 BWPD

SURFACE CASING

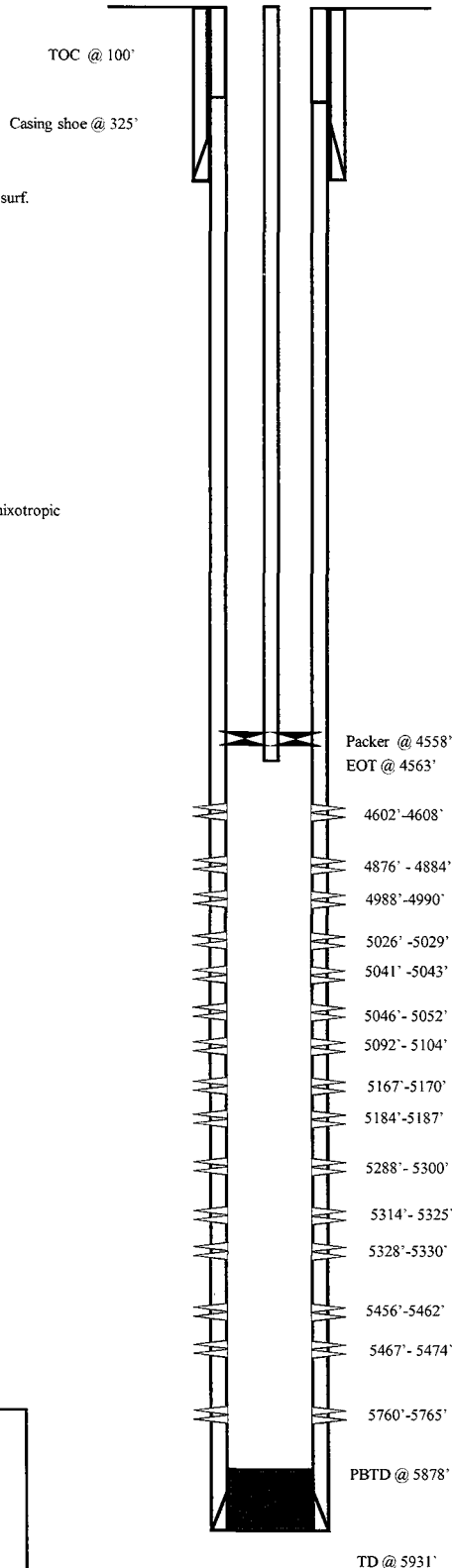
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (311.79')  
DEPTH LANDED: 324.70' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts (5907.44')  
DEPTH LANDED: 5920.77'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 390 sxs Hibond mixed & 350 sxs thixotropic  
CEMENT TOP AT: 100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 145 jts (4544.1')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4554.1'  
CE @ 4558.46'  
TOTAL STRING LENGTH: EOT @ 4563'

Injector Wellbore  
DiagramFRAC JOB

12/7/97	5456'-5474'	<b>Frac LDC sand as follows:</b> 121,300# of 20/40 sand in 573 bbls Delta Frac. Treated @ avg press 2600 w/avg rate 29 bpm. ISIP 2836 psi. Calc flush: 5454 gal. Actual flush: 5364 gal.
12/9/97	5288'-5330'	<b>Frac A sand as follows:</b> 130,300# of 20/40 sand in 622 bbls Boragel. Treated @ avg press 1950 w/avg rate of 31 bpm. ISIP-2462 psi. Calc flush: 5286 gal. Actual flush:
12/11/97	5026'-5104'	<b>Frac C/B sands as follows:</b> 114,300# 20/40 sand in 549 bbls Delta Frac. Breakdown @ 2220 psi. Treated w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP 2974 psi. Calc flush: 5024 gal. Actual flush: 4919 gal.
12/13/97	4876'-4884'	<b>Frac D sand as follows:</b> 114,300# 20/40 sand in 520 bbls of Delta Frac. Treated @ avg press of 2046 psi w/avg rate of 26.2 BPM. ISIP 2550 psi. Calc flush: 4874 gal. Actual flush: 4778 gal.
9/28/98		<b>Tubing leak.</b>
11/20/98		<b>Stuck plunger.</b>
2/11/99		<b>Parted rods.</b>
02/29/00		<b>Stuck plunger</b>
11/3/01		<b>Pump change.</b> Update rod, tubing and down hole details.
2/23/04		<b>Pump change.</b>
12/7/04	5760'-5765'	<b>Frac CP.5 sands as follows:</b> 17,970# 20/40 sand in 224 bbls Lightning Frac 17 fluid. Treated @ avg press of 3354 psi w/avg rate of 14.6 BPM. ISIP 2120 psi. Calc flush: 1490 gal. Actual flush: 1428 gal.
12/7/04	5167'-5187'	<b>Frac B2 sands as follows:</b> 5,633# 20/40 sand in 100 bbls Lightning Frac 17 fluid. Screened out.
12/7/04	4988'-4990'	<b>Frac D3 sands as follows:</b> 10,409# 20/40 sand in 194 bbls Lightning Frac 17 fluid. Screened out.
12/7/04	4602'-4608'	<b>Frac PB10 sands as follows:</b> 22,549# 20/40 sand in 282 bbls Lightning Frac 17 fluid. Treated @ avg press of 2365 psi w/avg rate of 24.6 BPM. ISIP 2500 psi. Calc flush: 4600 gal. Actual flush: 4391 gal.
03/22/05		<b>Pump Change.</b> Update rod detail
02/17/06		<b>Pump Change.</b> Update rod and tubing details.
12-7-07		<b>Parted Rods.</b> Updated rod & tubing details.
1/12/10		<b>Tubing leak.</b> Updated rod and tubing detail.
11/4/10		<b>Convert to Injection well</b>
11/10/10		<b>Conversion MIT</b> - tbg detail updated

PERFORATION RECORD

12/05/97	5467'-5474'	4 JSPF	28 holes
12/05/97	5456'-5462'	4 JSPF	24 holes
12/08/97	5328'-5330'	4 JSPF	8 holes
12/08/97	5314'-5325'	4 JSPF	44 holes
12/08/97	5288'-5300'	4 JSPF	48 holes
12/10/97	5092'-5104'	4 JSPF	48 holes
12/10/97	5046'-5052'	4 JSPF	24 holes
12/10/97	5041'-5043'	4 JSPF	8 holes
12/10/97	5026'-5029'	4 JSPF	12 holes
12/12/97	4876'-4884'	4 JSPF	32 holes
12/06/04	5760'-5765'	4 JSPF	20 holes
12/06/04	5184'-5187'	4 JSPF	24 holes
12/06/04	5167'-5170'	4 JSPF	24 holes
12/06/04	4988'-4990'	4 JSPF	8 holes
12/06/04	4602'-4608'	4 JSPF	24 holes



**Nine Mile 6-6-9-16**  
2011 FNL & 1869 FWL  
SENW Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31719; Lease #UTU-74390

## Nine Mile 11-6-9-16

Spud Date: 10/23/97

Put on Production: 12/17/97

GL: 5889' KB: 5901'

Initial Production: 57 BOPD,  
89 MCFPD, 9 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 293'

DEPTH LANDED: 294' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (6024')

DEPTH LANDED: 6036'

HOLE SIZE: 7-7/8"

CEMENT DATA: 360 sks Hibond mixed &amp; 325 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 30 jts B grade (941.74')

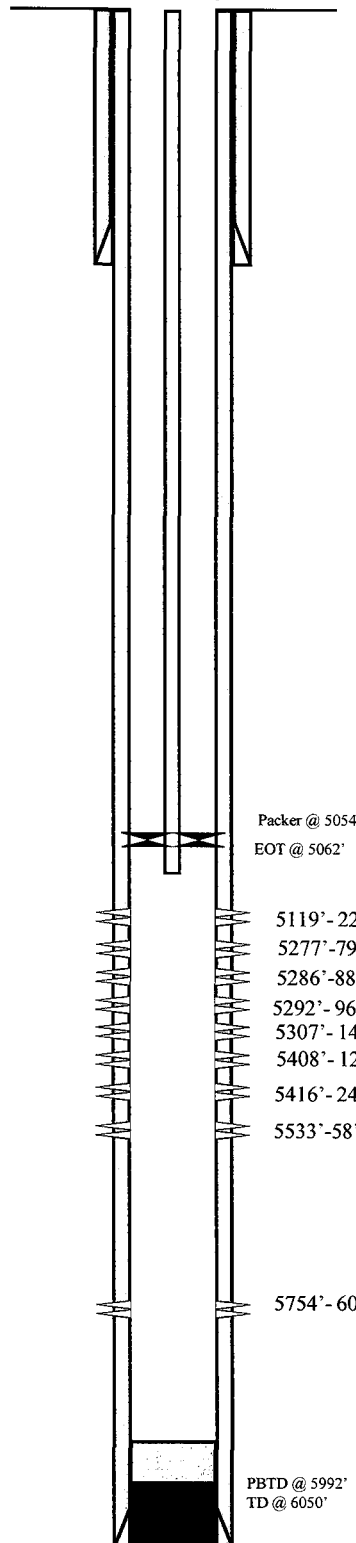
132 jts yellow band (4111.38')

CE @ 5054.2'

TOTAL STRING LENGTH: 5062'

## Injection

## Wellbore Diagram

FRAC JOB

12/7/97	5754'-5760'	<b>Frac CP sand as follows:</b> 95,300# of 20/40 sd in 513 bbls Delta Frac. Treated @ avg rate 26.2 bpm, avg press 2250 psi. Breakdown @ 3652 psi. ISIP-2393 psi. 5-min 2117 psi. Flowback for 3-1/2 hrs & died.
12/10/97	5533'-5558'	<b>Frac LDC sand as follows:</b> 104,300# of 20/40 sd in 543 bbls Boragel. Breakdown @ 2800 psi. Treated @ avg rate of 27.9 BPM, avg press 2650 psi. ISIP-3293 psi. 5-min 2374 psi. Flowback on 12/64" ck for 4 hrs & died.
12/12/97	5277'-5424'	<b>Frac A sand as follows:</b> 127,000# 20/40 sand in 618 bbls Delta Frac. Breakdown @ 2252 psi. Treated w/avg press of 1700 psi w/avg rate of 35 BPM. ISIP - 2235 psi. 5 min 1936 psi. Flowback on 12/64" ck for 3 hrs & died.
12/14/97	5119'-5122'	<b>Frac B sand as follows:</b> 88,300# 20/40 sand in 471 bbls of Delta Frac. Breakdown @ 3202 psi. Treated @ avg press of 2550 psi w/avg rate of 25.4 BPM. ISIP-2772 psi. 5 min 1930 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
11/18/99		<b>Convert to Injection well</b>
11/23/99		<b>MIT completed - tbg detail updated</b>
3/23/05		<b>5 YR MIT</b>
01/27/10		<b>5 YR MIT</b>

PERFORATION RECORD

12/6/97	5754'-5760'	4 JSPF	24 holes
12/9/97	5533'-5558'	4 JSPF	100 holes
12/11/97	5277'-5279'	4 JSPF	8 holes
12/11/97	5286'-5288'	4 JSPF	8 holes
12/11/97	5292'-5296'	4 JSPF	16 holes
12/11/97	5307'-5314'	4 JSPF	28 holes
12/11/97	5408'-5412'	4 JSPF	16 holes
12/11/97	5416'-5424'	4 JSPF	32 holes
12/13/97	5119'-5122'	4 JSPF	12 holes

**NEWFIELD****Nine Mile 11-6-9-16**

1938 FSL 1756 FWL

NESW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31812; Lease #UTU-74390

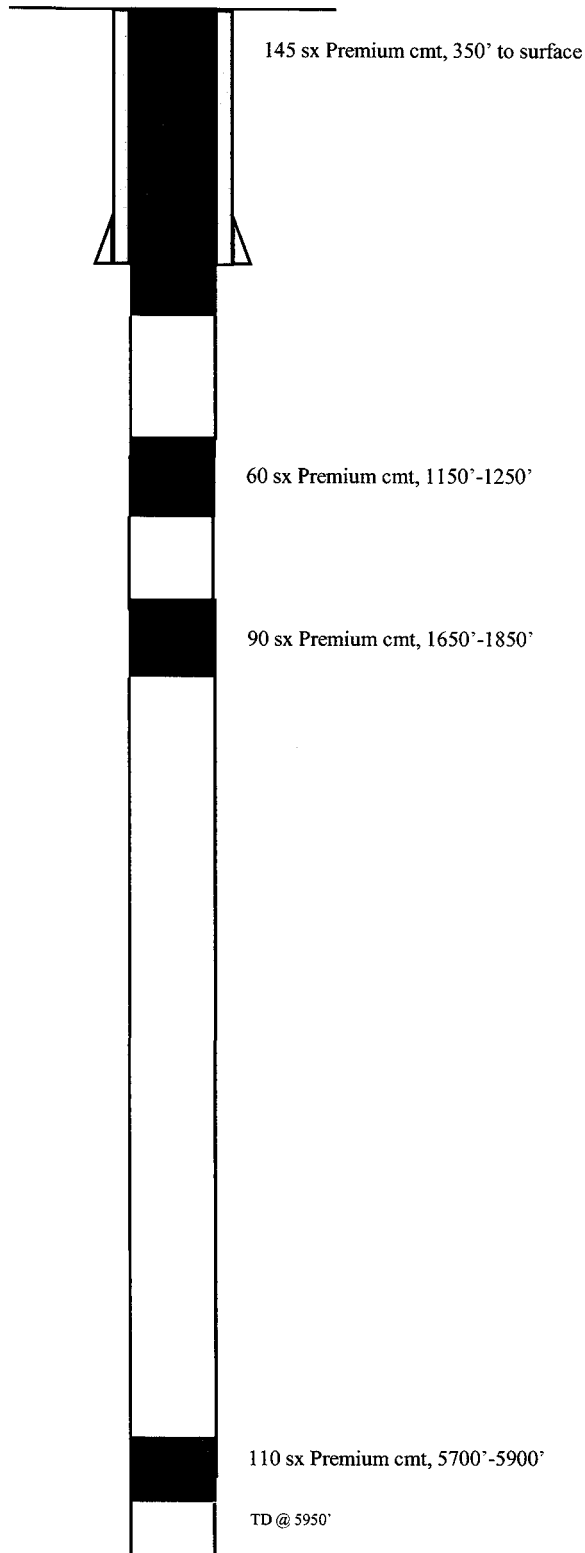
Spud Date: 3/4/98  
P & A on 3/17/98  
GL: 5943' KB: 5955'

## Nine Mile #14-6

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH:  
DEPTH LANDED: 286'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 135 sxs Premium cmt, est ? bbls to surf.



**NEWFIELD**



**Nine Mile #14-6**  
781 FSL 2074 FWL  
SESW Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31999; Lease #UTU-74390

## Nine Mile #15-6-9-16

Spud Date: 4/10/98

Put on Production: 5/18/98

GL: 5919' KB: 5931'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (289')

DEPTH LANDED: 306' (GL)

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5930')

DEPTH LANDED: 5941'

HOLE SIZE: 7-7/8"

CEMENT DATA: 410 sk Hibond 65 mixed &amp; 370 sxs thixotropic

CEMENT TOP AT: 1351' CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55 tbg.

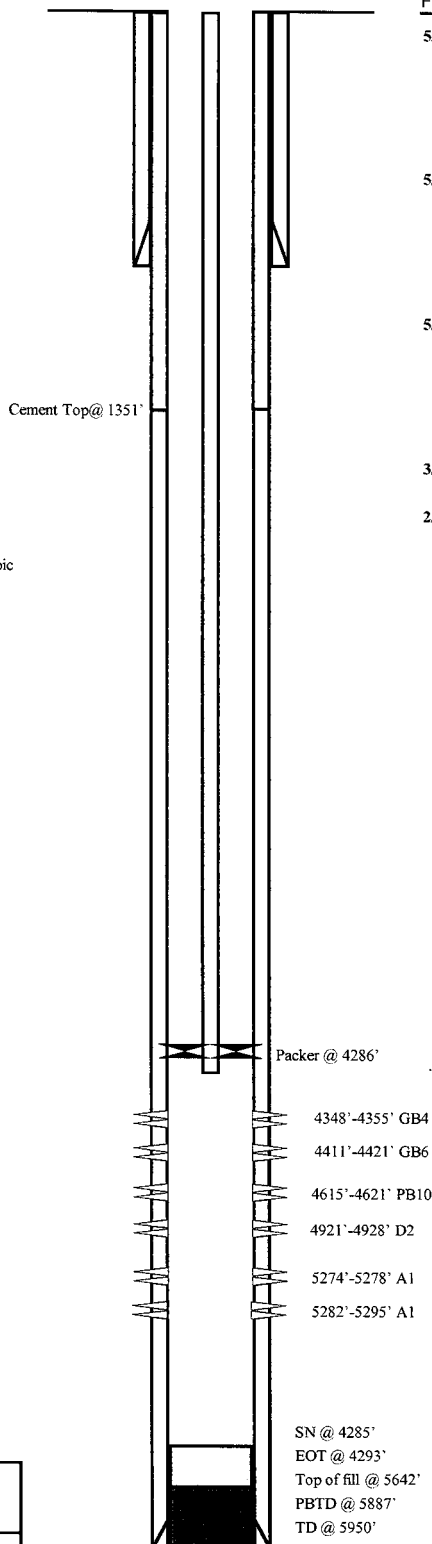
NO. OF JOINTS: 137 jts. (4273.11')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4285.11'

TUBING PACKER: 4289.21'

TOTAL STRING LENGTH: EOT @ 4293.52'

Injection  
Wellbore DiagramFRAC JOB

5/9/98 5274'-5295'

Frac A-1 sands as follows:

104,780# 20/40 sand in 516 bbls Viking I-25 fluid. Perfs brokedown @ 3150 psi. Treated @ avg press of 1600 psi w/avg rate of 28 bpm. ISIP: 2050 psi, 5-min 1744 psi. Flowback on 12/64" choke for 3.5 hours and died.

5/12/98 4921'-4928'

Frac D-2 sand as follows:

104,500# of 20/40 sand in 511 bbls Viking I-25 fluid. Perfs brokedown @ 3540 psi. Treated @ avg press pf 1900 [so w/avg rate of 27 BPM. ISIP-2100 psi, 5-min 1990 psi. Flowback on 12/64" choke for 5 hours and died.

5/14/98 4348'-4355'

Frac GB-4 sands as follows:

3560# 20/40 sand in 128 bbls Viking I-25 fluid. Perfs brokedown @ 2150 psi. Treated @ avg press of 2000 psi w/avg rate of 9.5 bpm. ISIP: 3830 psi, 5-min 2525 psi. Flowback on 12/64" choke for 30 minutes and died.

3/11/02

Broke down new zones and established injection into existing zones.

2/2/07

5 Year MIT completed and submitted.

PERFORATION RECORD

5/7/98	5274'-5278'	4 JSPF	16 holes
5/7/98	5282'-5295'	4 JSPF	52 holes
5/11/98	4921'-4928'	4 JSPF	28 holes
5/13/98	4348'-4355'	4 JSPF	28 holes
3/08/02	4615'-4621'	4 JSPF	24 holes
3/08/02	4411'-4421'	4 JSPF	40 holes



Nine Mile #15-6-9-16  
646' FSL & 2086' FEL  
SWSE Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32010; Lease UTU-74390

Spud Date: 2-23-98  
Put on Production: 3-31-98  
GL. 5904' KB. ?

## Nine Mile #2-7

Initial Production: 107 BOPD,  
166 MCFPD, 12 BWPD

### SURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (286')  
DEPTH LANDED 287'  
HOLE SIZE 12-1/4"  
CEMENT DATA 120 sxs Premium cmt, est 4 5 bbls to surf

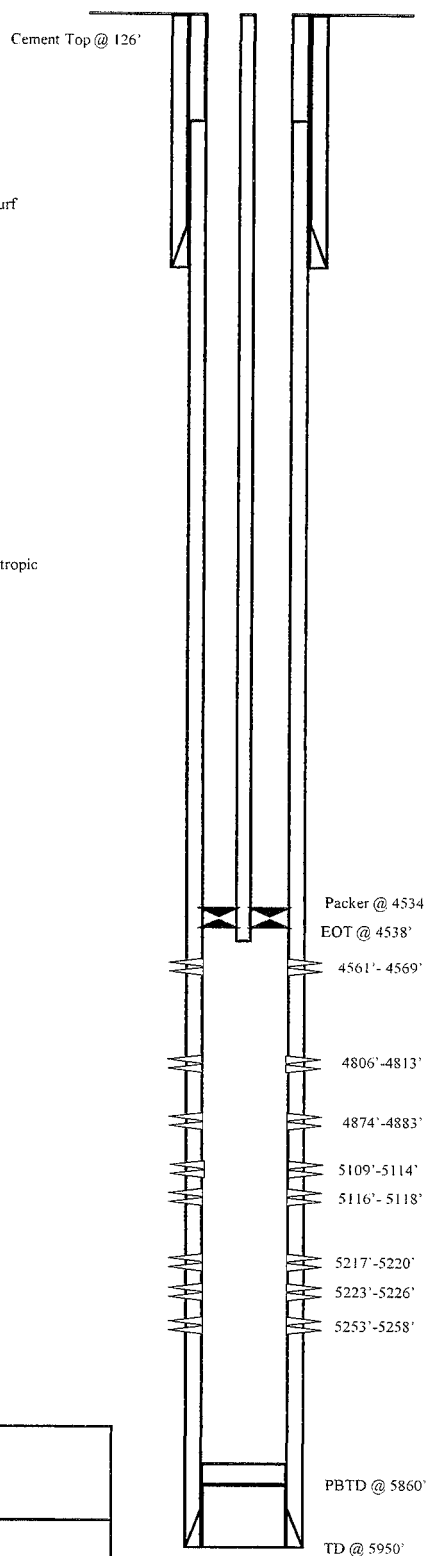
### PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15 5#  
LENGTH 138 jts (5892')  
DEPTH LANDED 5903'  
HOLE SIZE 7-7/8"  
CEMENT DATA 380 sxs Hibond mixed & 350 sxs thixotropic  
CEMENT TOP AT 126'

### TUBING

SIZE/GRADE/WT 2-7/8" / M-50 / 6 5#  
NO OF JOINTS 1 jts (30 34')  
1 2-7/8 J-55 TBG SUB (6 17')  
NO OF JOINTS 144 (4481 05)  
SN LANDED AT 4529 56'  
1 5-1/2 Arrow set pkr (7 28')  
CE @ 4533 91  
TOTAL STRING LENGTH 4537 94' w/12' KB

### Injection Wellbore Diagram



### FRAC JOB

3-21-98	5217'-5258'	<b>Frac A sand as follows:</b> 111,300# of 20/40 sd in 560 bbls Delta Breakdown @ 3563 psi Treated @ avg rate 31 bpm, avg press 2500 psi ISIP-2624 psi, 5-min 2449 psi Flowback for 3 hrs & died
3-23-98	5109'-5118'	<b>Frac B sand as follows:</b> 120,300# of 20/40 sd in 572 bbls Delta Frac Breakdown @ 2586 psi Treated @ avg rate of 28.5, avg press 2000 psi ISIP- 2289 psi, 5-min 2146 psi Flowback on 12/64" ck for 4 hrs & died
3-26-98	4806'-4883'	<b>Frac D sand as follows:</b> 127,200# 20/40 sand in 595 bbls Delta. Breakdown @ 1726 psi Treated w/avg press of 2135 psi, w/avg rate of 30 BPM ISIP-2302 psi, 5 min 2175 psi Flowback on 12/64" ck for 4-1/2 hrs & died
3-27-98	4561'-4569'	<b>Frac PB sand as follows:</b> 81,300# 20/40 sand in 432 bbls Delta Breakdown @ 2395 psi Treated w/avg press of 2475 psi, w/avg rate of 27.1 BPM. ISIP-2654 psi, 5 min 2311 psi Flowback on 12/64" ck for 3-1/2 hrs & died
2-10-04		Pump change Update tubing and rod details
6-2-05		Tubing leak Update tubing and rod details
06/22/09		<b>Converted to Injection Well</b>
06/24/09		<b>MIT completed, update tbg detail</b>

### PERFORATION RECORD

3-20-98	5217'-5220'	4 JSPF	12 holes
3-20-98	5223'-5226'	4 JSPF	12 holes
3-20-98	5253'-5258'	4 JSPF	20 holes
3-22-98	5109'-5114'	4 JSPF	20 holes
3-22-98	5116'-5118'	4 JSPF	8 holes
3-25-98	4806'-4813'	4 JSPF	28 holes
3-25-98	4874'-4883'	4 JSPF	36 holes
3-27-98	4561'-4569'	4 JSPF	32 holes



**Nine Mile #2-7**  
567 FNL 1924 FEL  
NWNE Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32011; Lease #UTU-74390

# West Point G-6-9-16

Spud Date: 4/25/2009  
Put on Production: 6/23/2009  
GL: 5866' KB: 5878'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (309.35')  
DEPTH LANDED: 321.20' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 164 jts (6299.67')  
DEPTH LANDED: 6351.64'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 280 sx premlite II and 400 sx 50/50 poz  
CEMENT TOP AT: 42'

### TUBING

SIZE/GRADE/WT.: 2-7/8"/J-55  
NO. OF JOINTS: 194 jts (6134.2')  
TUBING ANCHOR: 6146.2' KB  
NO. OF JOINTS: 1 jts (30.5')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6179.6' KB  
NO. OF JOINTS: 1 jts (31.7')  
TOTAL STRING LENGTH: EOT @ 6213'

### SUCKER RODS

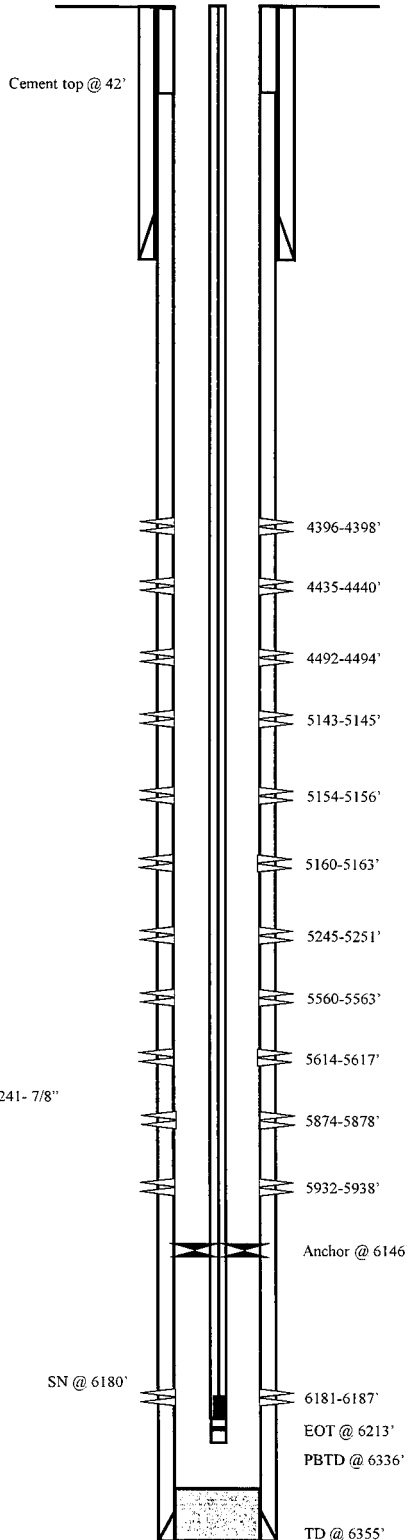
POLISHED ROD: 1 1/2" x 30' polished rod  
SUCKER RODS: 1-2"x7/8", 1-4"x7/8", 2-16"x 7/8" pony rods; 241- 7/8"  
guided rods (8 per), 4-1 1/2" weight bars  
PUMP SIZE: central hydraulic 2 1/2" x 1 1/4" x 21' x 24' RHAC  
STROKE LENGTH: 144"  
PUMP SPEED, SPM: 5

### FRAC JOB

6/24/2009 6181-6187' Frac CP5 sands as follows:  
15,310# 20/40 sand in 126 bbls of Lightning  
17 fluid.  
6/24/2009 5874-5938' Frac CP.5 & CP2 sands as follows:  
50,947# 20/40 sand in 308 bbls of Lightning  
17 fluid.  
6/24/2009 5563-5614' Frac LODC sands as follows:  
15,486# 20/40 sand in 124 bbls of Lightning  
17 fluid.  
6/24/2009 5245-5251' Frac B1 sands as follows:  
19,339# 20/40 sand in 176 bbls of Lightning  
17 fluid.  
6/24/2009 5143-5163' Frac C sands as follows:  
56,003# 20/40 sand in 342 bbls of Lightning  
17 fluid.  
6/24/2009 4396-4494' Frac GB4 & GB6 sands as follows:  
39,413# 20/40 sand in 256 bbls of Lightning  
17 fluid.

### PERFORATION RECORD

6181-6187' 4 JSPF 24 holes  
5932-5938' 3 JSPF 18 holes  
5874-5878' 3 JSPF 12 holes  
5614-5617' 3 JSPF 9 holes  
5560-5563' 3 JSPF 9 holes  
5245-5251' 3 JSPF 18 holes  
5160-5163' 3 JSPF 9 holes  
5154-5156' 3 JSPF 6 holes  
5143-5145' 3 JSPF 6 holes  
4492-4494' 3 JSPF 6 holes  
4435-4440' 3 JSPF 15 holes  
4396-4398' 3 JSPF 6 holes



## West Point Fed G-6-9-16

1992' FNL & 1870' FWL SE/NW

Section 6-T9S-R16E

Duchesne Co, Utah

API # 43-013-34076; Lease # UTU-74390

# GMBU G-8-9-16

Spud Date: 12/05/2011

PWOP: 01/31/2012

GL: 5940' KB: 5953'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (330.2')

DEPTH LANDED: 343.52' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 157 jts. (6433.6') Includes Shoe Jt. (40.63')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6453.21' KB

CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 50'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 189 jts. (5826.7')

TUBING ANCHOR: 5839.7' KB

NO. OF JOINTS: 1 jt. (31.3')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5873.8' KB

NO. OF JOINTS: 2 jts. (62.5')

NOTCHED COLLAR: 5937.4' KB

TOTAL STRING LENGTH: EOT @ 5938'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 74 - 7/8" 4per Guided Rods (1850'), 153 - 1/4" 4per Guided Rods (3825'), 5 - 1 1/2" Sinker Bars (125'), 1 - 1" Stabilizer Bar (4')

PUMP SIZE: 2 1/2" x 1 1/4" x 20' x 24' RHAC

STROKE LENGTH: 144"

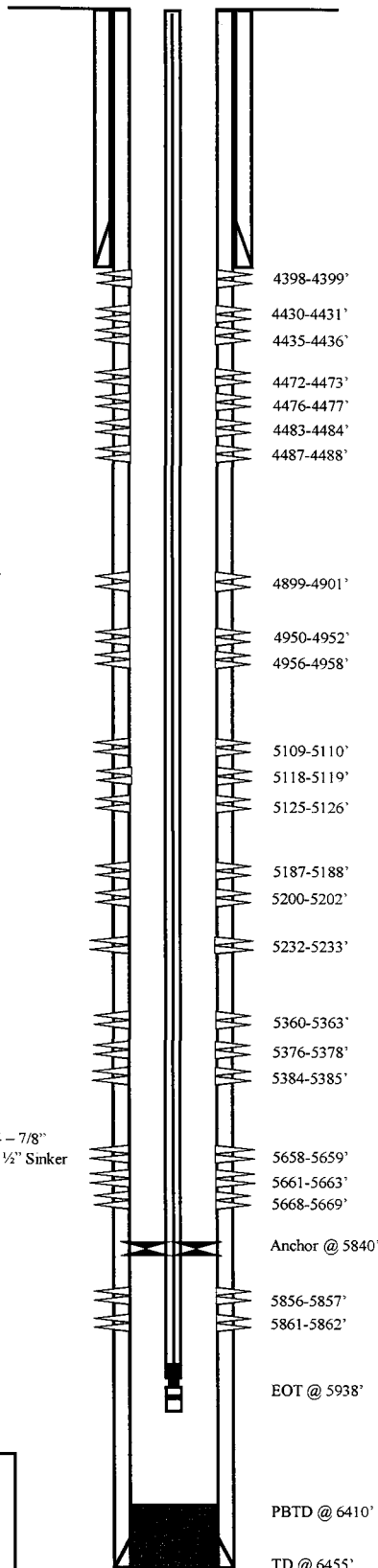
PUMP SPEED: 5 SPM

### FRAC JOB

01/20/2012	5658-5862'	<b>Frac CP-Half &amp; LODC, sands as follows:</b> Frac with 59512# 20/40 white sand in 475 bbls lightning 17 fluid; 657 bbls total fluid to recover.
01/25/2012	5360-5385'	<b>Frac A1, sands as follows:</b> Frac with 35421# 20/40 white sand in 302 bbls lightning 17 fluid; 439 bbls total fluid to recover.
01/25/2012	5109-5233'	<b>Frac B.5, B1 &amp; C, sands as follows:</b> Frac with 74948# 20/40 white sand in 589 bbls lightning 17 fluid; 711 bbls total fluid to recover.
01/25/2012	4899-4958'	<b>Frac D1 &amp; DS3, sands as follows:</b> Frac with 39795# 20/40 white sand in 346 bbls lightning 17 fluid; 462 bbls total fluid to recover.
01/25/2012	4398-4488'	<b>Frac GB2, GB4 &amp; GB6, sands as follows:</b> Frac with 82976# 20/40 white sand in 551 bbls lightning 17 fluid; 656 bbls total fluid to recover.

### PERFORATION RECORD

5861-5862'	3 JSPP	3 holes
5856-5857'	3 JSPP	3 holes
5668-5669'	3 JSPP	3 holes
5661-5663'	3 JSPP	6 holes
5658-5659'	3 JSPP	3 holes
5384-5385'	3 JSPP	3 holes
5376-5378'	3 JSPP	6 holes
5360-5363'	3 JSPP	9 holes
5232-5233'	3 JSPP	3 holes
5200-5202'	3 JSPP	6 holes
5187-5188'	3 JSPP	3 holes
5125-5126'	3 JSPP	3 holes
5118-5119'	3 JSPP	3 holes
5109-5110'	3 JSPP	3 holes
4956-4958'	3 JSPP	6 holes
4950-4952'	3 JSPP	6 holes
4899-4901'	3 JSPP	6 holes
4487-4488'	3 JSPP	3 holes
4483-4484'	3 JSPP	3 holes
4476-4477'	3 JSPP	3 holes
4472-4473'	3 JSPP	3 holes
4435-4436'	3 JSPP	3 holes
4430-4431'	3 JSPP	3 holes
4398-4399'	3 JSPP	3 holes



**NEWFIELD**



**GMBU G-8-9-16**

986' FNL & 792' FWL (NW/NW)

Section 8, T9S, R16E

Duchesne County, Utah

API #43-013-50703; Lease # UTU-74390

# GMBU D-8-9-16

Spud Date: 12/13/2011

PWOP: 02/16/2012

GL: 5781' KB: 5791'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (329.25')

DEPTH LANDED: 342.57' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 151 jts. (6539.90') Includes Shoe jt. (44.53')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6555.51' KB

CEMENT DATA: 250 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

CEMENT TOP AT: 36'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 200 jts. (6254.2')

TUBING ANCHOR: 6264.2' KB

NO. OF JOINTS: 1 jt. (31.5')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6298.5' KB

NO. OF JOINTS: 1 jts. (28.9')

NOTCHED COLLAR: 6328.5' KB

TOTAL STRING LENGTH: EOT @ 6329'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 6' Pony Rod, 1 - 7/8" x 8' Pony Rod, 81 - 7/8" 8per Guided Rods (2025'), 52 - 3/4" 8per Guided Rods (1300'), 110 - 3/4" 4per Guided Rods (2750'), 5 - 1 1/2" Sinker Bar (125'), 1 - 1" Stabilizer Bar (4')

PUMP SIZE: 2 1/2" x 1 3/4" x 20" x 24' RHAC

STROKE LENGTH: 144"

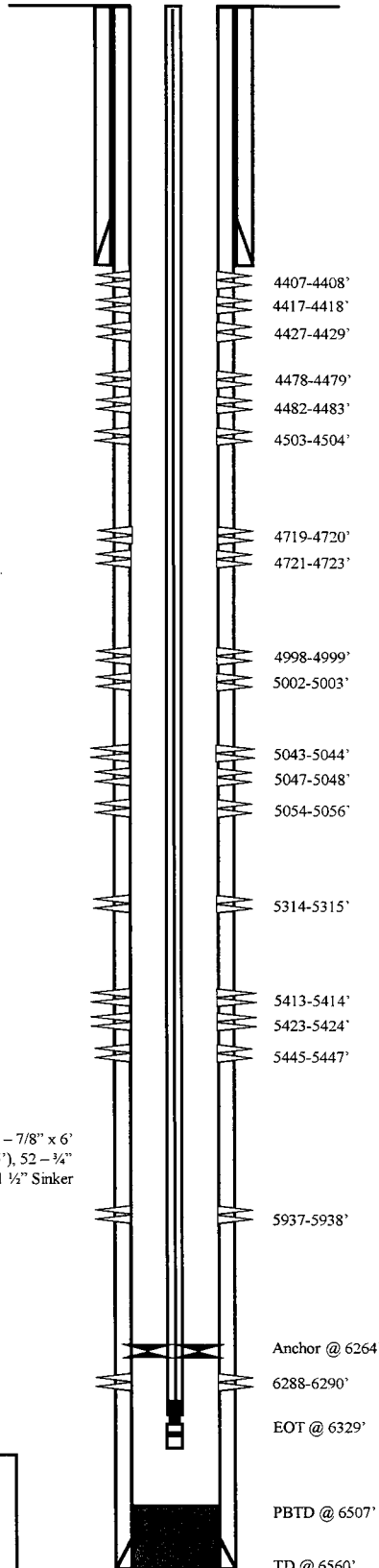
PUMP SPEED: 5 SPM

### FRAC JOB

02/01/2012	5937-6290'	<b>Frac CP5 &amp; CP5, sands as follows:</b> Frac with 19754# 20/40 white sand in 248 bbls lightning 17 fluid; 454 bbls total fluid to recover.
02/07/2012	5314-5447'	<b>Frac A.5 &amp; B2, sands as follows:</b> Frac with 39947# 20/40 white sand in 322 bbls lightning 17 fluid; 449 bbls total fluid to recover.
02/07/2012	4998-5056'	<b>Frac D1 &amp; D2, sands as follows:</b> Frac with 40188# 20/40 white sand in 327 bbls lightning 17 fluid; 446 bbls total fluid to recover.
02/07/2012	4478-4723'	<b>Frac GB6 &amp; PB10, sands as follows:</b> Frac with 32023# 20/40 white sand in 270 bbls lightning 17 fluid; 376 bbls total fluid to recover.
02/07/2012	4407-4429'	<b>Frac GB4, sands as follows:</b> Frac with 67193# 20/40 white sand in 508 bbls lightning 17 fluid; 663 bbls total fluid to recover.

### PERFORATION RECORD

6288-6290'	3 JSPF	6 holes
5937-5938'	3 JSPF	3 holes
5445-5447'	3 JSPF	6 holes
5423-5424'	3 JSPF	3 holes
5413-5414'	3 JSPF	3 holes
5314-5315'	3 JSPF	3 holes
5054-5056'	3 JSPF	6 holes
5047-5048'	3 JSPF	3 holes
5043-5044'	3 JSPF	3 holes
5002-5003'	3 JSPF	3 holes
4998-4999'	3 JSPF	3 holes
4721-4723'	3 JSPF	6 holes
4719-4720'	3 JSPF	3 holes
4503-4504'	3 JSPF	3 holes
4482-4483'	3 JSPF	3 holes
4478-4479'	3 JSPF	3 holes
4427-4429'	3 JSPF	6 holes
4417-4418'	3 JSPF	3 holes
4407-4408'	3 JSPF	3 holes



**NEWFIELD**



**GMBU D-8-9-16**

854' FSL & 74' FWL (SW/SW)

Section 5, T9S, R16E

Duchesne County, Utah

API #43-013-50721; Lease # UTU-73087



# GMBU Q-5-9-16

Spud Date: 12/12/2011

PWOP: 02/13/2012

GL: 5781' KB: 5791'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (330.17')

DEPTH LANDED: 340.49' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 151 jts. (6522.84') Includes Shoe Jt. (41.3')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6540.20' KB

CEMENT DATA: 250 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

CEMENT TOP AT: 51'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 190 jts. (5904.9')

TUBING ANCHOR: 5914.9' KB

NO. OF JOINTS: 2 jt. (60.8')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5978.5' KB

NO. OF JOINTS: 1 jts. (29.0')

NOTCHED COLLAR: 6008.6' KB

TOTAL STRING LENGTH: EOT @ 6009'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 6' Pony Rod, 1 - 7/8" x 8' Pony Rod, 72 - 7/8" 4per Guided Rods (1800'), 160 - 7/8" 4per Guided Rods (4000'), 5 - Sinker Bar (125') 1 - 1" Stabilizer Bar (4')

PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHBC

STROKE LENGTH: 144"

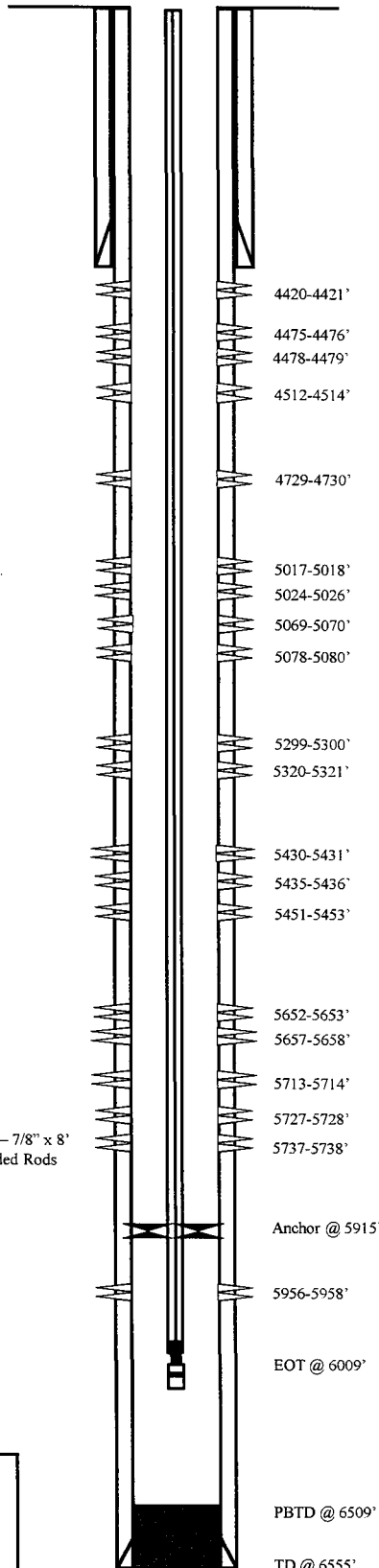
PUMP SPEED: 5 SPM

### FRAC JOB

02/01/2012	5713-5958'	<b>Frac CP.5 &amp; LODC, sands as follows:</b> Frac with 49019# 20/40 white sand in 667 bbls lightning 17 fluid; 865 bbls total fluid to recover.
02/06/2012	5430-5658'	<b>Frac A.5 &amp; A3, sands as follows:</b> Frac with 120564# 20/40 white sand in 946 bbls lightning 17 fluid; 1076 bbls total fluid to recover.
02/06/2012	5069-5321'	<b>Frac B1 &amp; D2, sands as follows:</b> Frac with 88492# 20/40 white sand in 705 bbls lightning 17 fluid; 825 bbls total fluid to recover.
02/06/2012	4729-5026'	<b>Frac D1 &amp; PG10, sands as follows:</b> Frac with 69650# 20/40 white sand in 551 bbls lightning 17 fluid; 664 bbls total fluid to recover.
02/06/2012	4420-4514'	<b>Frac GB2, GB4 &amp; GB6, sands as follows:</b> Frac with 38860# 20/40 white sand in 321 bbls lightning 17 fluid; 426 bbls total fluid to recover.

### PERFORATION RECORD

5956-5958'	3 JSPF	6 holes
5737-5738'	3 JSPF	3 holes
5727-5728'	3 JSPF	3 holes
5713-5714'	3 JSPF	3 holes
5657-5658'	3 JSPF	3 holes
5652-5653'	3 JSPF	3 holes
5451-5453'	3 JSPF	6 holes
5435-5436'	3 JSPF	3 holes
5430-5431'	3 JSPF	3 holes
5320-5321'	3 JSPF	3 holes
5299-5300'	3 JSPF	3 holes
5078-5080'	3 JSPF	6 holes
5069-5070'	3 JSPF	3 holes
5024-5026'	3 JSPF	6 holes
5017-5018'	3 JSPF	3 holes
4729-4730'	3 JSPF	3 holes
4512-4514'	3 JSPF	6 holes
4478-4479'	3 JSPF	3 holes
4475-4476'	3 JSPF	3 holes
4420-4421'	3 JSPF	3 holes



**NEWFIELD**



**GMBU Q-5-9-16**

873' FSL & 63' FWL (SW/SW)

Section 5, T9S, R16E

Duchesne County, Utah

API #43-013-50722; Lease # UTU-73087

# GMBU B-7-9-16

Spud Date: 12/08/2011

PWOP: 02/06/2012

GL: 5924' KB: 5934'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (330.25')

DEPTH LANDED: 340.57' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 170 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 153 jts. (6458.28') Includes Shoe Jt. (39.8')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6473.89' KB

CEMENT DATA: 235 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

CEMENT TOP AT: 290'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 198 jts. (6175.4')

TUBING ANCHOR: 6185.4' KB

NO. OF JOINTS: 1 jt. (31.3')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6219.5' KB

NO. OF JOINTS: 2 jts. (62.7')

NOTCHED COLLAR: 6283.3' KB

TOTAL STRING LENGTH: EOT @ 6284'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 6' Pony Rod, 78 - 7/8" 8per Guided Rods (1950'), 55 - 3/4" 8per Guided Rods (1375'), 107 - 3/4" 4per Guided Rods (2675'), 5 - 1" Stabilizers (20'), 5 - 1 1/2" Sinker Bars (125')

PUMP SIZE: 2 1/2" x 1 3/4" x 24" RHAC

STROKE LENGTH: 144"

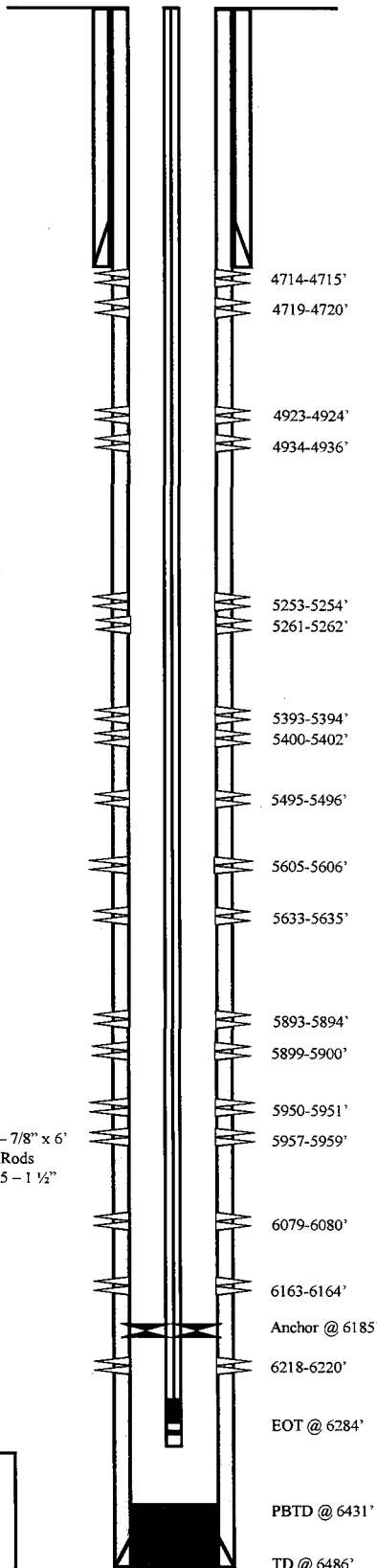
PUMP SPEED: 5 SPM

### FRAC JOB

01/24/2012	6079-6220'	<b>Frac CP3, CP4 &amp; CP5, sands as follows:</b> Frac with 49594# 20/40 white sand in 651 bbls lightning 17 fluid; 845 bbls total fluid to recover.
01/26/2012	5893-5959'	<b>Frac CP2 &amp; CP.5, sands as follows:</b> Frac with 39995# 20/40 white sand in 318 bbls lightning 17 fluid; 459 bbls total fluid to recover.
01/26/2012	5495-5635'	<b>Frac A3 &amp; LODC, sands as follows:</b> Frac with 39881# 20/40 white sand in 311 bbls lightning 17 fluid; 442 bbls total fluid to recover.
01/26/2012	5253-5402'	<b>Frac A1 &amp; B2, sands as follows:</b> Frac with 70803# 20/40 white sand in 550 bbls lightning 17 fluid; 675 bbls total fluid to recover.
01/26/2012	4714-4936'	<b>Frac DS3 &amp; PB10, sands as follows:</b> Frac with 49833# 20/40 white sand in 383 bbls lightning 17 fluid; 495 bbls total fluid to recover.

### PERFORATION RECORD

6218-6220'	3 JSPP	6 holes
6163-6164'	3 JSPP	3 holes
6079-6080'	3 JSPP	3 holes
5957-5959'	3 JSPP	6 holes
5950-5951'	3 JSPP	3 holes
5899-5900'	3 JSPP	3 holes
5893-5894'	3 JSPP	3 holes
5633-5635'	3 JSPP	6 holes
5605-5606'	3 JSPP	3 holes
5495-5496'	3 JSPP	3 holes
5400-5402'	3 JSPP	6 holes
5393-5394'	3 JSPP	3 holes
5261-5262'	3 JSPP	3 holes
5253-5254'	3 JSPP	3 holes
4934-4936'	3 JSPP	6 holes
4923-4924'	3 JSPP	3 holes
4719-4720'	3 JSPP	3 holes
4714-4715'	3 JSPP	3 holes



**NEWFIELD**



**GMBU B-7-9-16**

667' FSL & 2065' FEL (SW/SE)

Section 6, T9S, R16E

Duchesne County, Utah

API #43-013-50724; Lease # UTU-74390

# GMBU E-8-9-16

Spud Date: 11/22/2011

PWOP: 01/12/2012

GL: 5863' KB: 5873'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (318.2')

DEPTH LANDED: 328.52' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 149 jts. (6453.73') Includes Shoe Joint (41.14')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6471.34' KB

CEMENT DATA: 240 sxs Prem. Lite II mixed & 460 sxs 50/50 POZ.

CEMENT TOP AT: 40'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 191 jts. (5935.5')

TUBING ANCHOR: 5945.5' KB

NO. OF JOINTS: 1 jt. (31.3')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5979.7' KB

NO. OF JOINTS: 2 jts. (61.8')

NOTCHED COLLAR: 6042.6' KB

TOTAL STRING LENGTH: EOT @ 6043'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 8' Pony Rod, 76 - 7/8" 8per Guided Rods (1900'), 68 - 3/4" 8per Guided Rods (1700'), 87 - 3/4" 4per Guided Rods (2175'), 5 - 1" Stabilizer Bars (20'), 5 - 1/2" Sinker Bars (125')

PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 21' x 24' RHAC

STROKE LENGTH: 144"

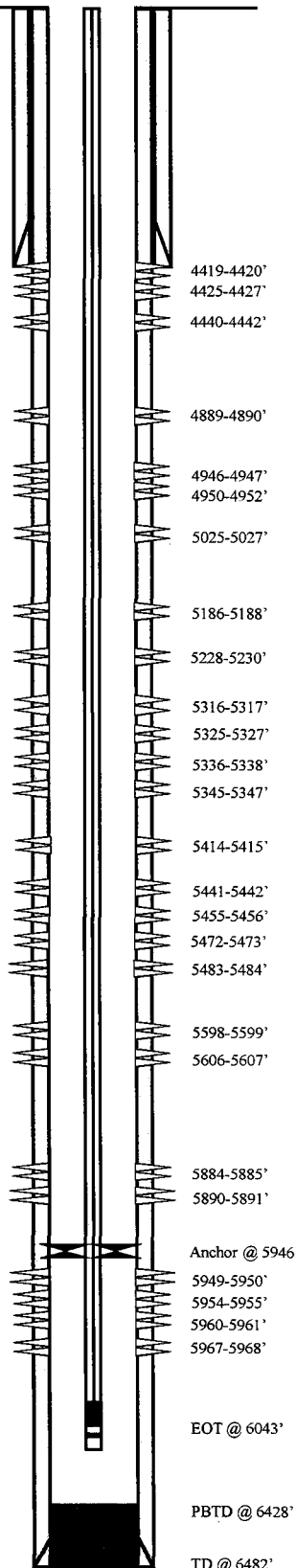
PUMP SPEED: 6 SPM

### FRAC JOB

12/20/2011	5884-5968'	<b>Frac CP2 &amp; CP5, sands as follows:</b> Frac with 89321# 20/40 white sand in 1056 bbls lightning 17 fluid; 1253 bbls total fluid to recover.
1/05/2012	5414-5607'	<b>Frac A3 &amp; LODC, sands as follows:</b> Frac with 104540# 20/40 white sand in 787 bbls lightning 17 fluid; 916 bbls total fluid to recover.
1/05/2012	5316-5347'	<b>Frac A1, sands as follows:</b> Frac with 59023# 20/40 white sand in 473 bbls lightning 17 fluid; 600 bbls total fluid to recover.
1/05/2012	5186-5230'	<b>Frac B1 &amp; B2, sands as follows:</b> Frac with 20089# 20/40 white sand in 259 bbls lightning 17 fluid; 397 bbls total fluid to recover.
1/05/2012	4889-5027'	<b>Frac D1, D2 &amp; DS3, sands as follows:</b> Frac with 75234# 20/40 white sand in 591 bbls lightning 17 fluid; 708 bbls total fluid to recover.
1/05/2012	4419-4442'	<b>Frac GB4, sands as follows:</b> Frac with 25015# 20/40 white sand in 211 bbls lightning 17 fluid; 331 bbls total fluid to recover.

### PERFORATION RECORD

5967-5968'	3 JSPF	3 holes
5960-5961'	3 JSPF	3 holes
5954-5955'	3 JSPF	3 holes
5949-5950'	3 JSPF	3 holes
5890-5891'	3 JSPF	3 holes
5884-5885'	3 JSPF	3 holes
5606-5607'	3 JSPF	3 holes
5598-5599'	3 JSPF	3 holes
5483-5484'	3 JSPF	3 holes
5472-5473'	3 JSPF	3 holes
5455-5456'	3 JSPF	3 holes
5441-5442'	3 JSPF	3 holes
5414-5415'	3 JSPF	3 holes
5345-5347'	3 JSPF	6 holes
5336-5338'	3 JSPF	6 holes
5325-5327'	3 JSPF	6 holes
5316-5317'	3 JSPF	3 holes
5228-5230'	3 JSPF	6 holes
5186-5188'	3 JSPF	6 holes
5025-5027'	3 JSPF	6 holes
4950-4952'	3 JSPF	6 holes
4946-4947'	3 JSPF	3 holes
4889-4890'	3 JSPF	3 holes
4440-4442'	3 JSPF	6 holes
4425-4427'	3 JSPF	6 holes
4419-4420'	3 JSPF	3 holes



**NEWFIELD**



**GMBU E-8-9-16**

838' FSL & 704' FEL (SE/SE)

Section 6, T9S, R16E

Duchesne County, Utah

API #43-013-50738; Lease # UTU-74390

# GMBU P-5-9-16

Spud Date: 11/22/2011

PWOP: 01/19/2012

GL: 5863' KB: 5873'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (317.8')

DEPTH LANDED: 320.12' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 151 jts. (6370.59') (Includes Shoe jt. (43.8'))

HOLE SIZE: 7 7/8"

DEPTH LANDED: 6387.60' KB

CEMENT DATA: 240 sxs Prem. Lite II & 460 sxs 50/50 POZ.

CEMENT TOP AT: 380'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 194 jts. (6074.3')

TUBING ANCHOR: 6084.3' KB

NO. OF JOINTS: 1 jt. (31.4')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6118.4' KB

NO. OF JOINTS: 2 jts. (62.6')

NOTCHED COLLAR: 6182.0

TOTAL STRING LENGTH: EOT @ 6183'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 77 - 7/8" 4per Guided Rods (1925'), 160 - 3/4" 4per Guided Rods (4000'), 5 - 1" Stabilizer bars (20'), 5 - 1 1/2" Sinkers (125')

PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC

STROKE LENGTH: 144"

PUMP SPEED: 5 SPM

### FRAC JOB

12/20/2011	5808-6139'	<b>Frac CP5 &amp; CP.5, sands as follows:</b> Frac with 50202# 20/40 white sand in 650 bbls lightning 17 fluid; 839 bbls total fluid to recover.
01/05/2012	5362-5620'	<b>Frac LODC &amp; A3, sands as follows:</b> Frac with 153832# 20/40 white sand in 1147 bbls lightning 17 fluid; 1275 bbls total fluid to recover.
01/05/2012	5275-5291'	<b>Frac A.5, sands as follows:</b> Frac with 75336# 20/40 white sand in 596 bbls lightning 17 fluid; 721 bbls total fluid to recover.
01/05/2012	5043-5166'	<b>Frac B2 &amp; C-Sand, sands as follows:</b> Frac with 50746# 20/40 white sand in 409 bbls lightning 17 fluid; 527 bbls total fluid to recover.
01/05/2012	4367-4446'	<b>Frac GB4 &amp; GB6, sands as follows:</b> Frac with 50342# 20/40 white sand in 413 bbls lightning 17 fluid; 580 bbls total fluid to recover.

### PERFORATION RECORD

6136-6139'	3 JSPF	9 holes
6131-6132'	3 JSPF	3 holes
5813-5814'	3 JSPF	3 holes
5808-5809'	3 JSPF	3 holes
5619-5620'	3 JSPF	3 holes
5612-5613'	3 JSPF	3 holes
5593-5595'	3 JSPF	6 holes
5552-5553'	3 JSPF	3 holes
5537-5538'	3 JSPF	3 holes
5480-5482'	3 JSPF	6 holes
5472-5474'	3 JSPF	6 holes
5457-5458'	3 JSPF	3 holes
5451-5452'	3 JSPF	3 holes
5421-5423'	3 JSPF	6 holes
5407-5408'	3 JSPF	3 holes
5390-5391'	3 JSPF	3 holes
5362-5363'	3 JSPF	3 holes
5290-5291'	3 JSPF	3 holes
5285-5287'	3 JSPF	6 holes
5279-5280'	3 JSPF	3 holes
5275-5276'	3 JSPF	3 holes
5164-5166'	3 JSPF	3 holes
5159-5160'	3 JSPF	6 holes
5152-5153'	3 JSPF	3 holes
5043-5045'	3 JSPF	3 holes
4443-4446'	3 JSPF	6 holes
4386-4388'	3 JSPF	9 holes
4379.5-4380.5'	3 JSPF	6 holes
4367-4368'	3 JSPF	3 holes

**NEWFIELD**



**GMBU P-5-9-16**

855' FSL & 692' FEL (SE/SE)

Section 6, T9S, R16E

Duchesne County, Utah

API #43-013-50740; Lease # UTU-74390

## GMBU S-6-9-16

Spud Date: 12/07/2011

PWOP: 02/10/2012

GL: 5924' KB: 5934'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts (330.24')

DEPTH LANDED: 340.56' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 170 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 149 jts (6460.69') Includes Shoe Jt (44.28')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6476.30' KB

CEMENT DATA: 240 sxs Prem Lite II mixed &amp; 475 sxs 50/50 POZ

CEMENT TOP AT: SURFACE

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 195 jts (6049')

TUBING ANCHOR: 6059' KB

NO. OF JOINTS: 1 jt (28.8')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 6090.6' KB

NO. OF JOINTS: 1 jts (62.0')

NOTCHED COLLAR: 6153.7' KB

TOTAL STRING LENGTH: EOT @ 6154'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

SUCKER RODS: 78 - 7/8" 4per Guided Rods (1950'), 158 - 3/4" 4per Guided Rods (3950'), 5 - 1" Stabilizer Bars (20'), 5 - 1 1/2" Sinker Bars (125')

PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC

STROKE LENGTH: 144"

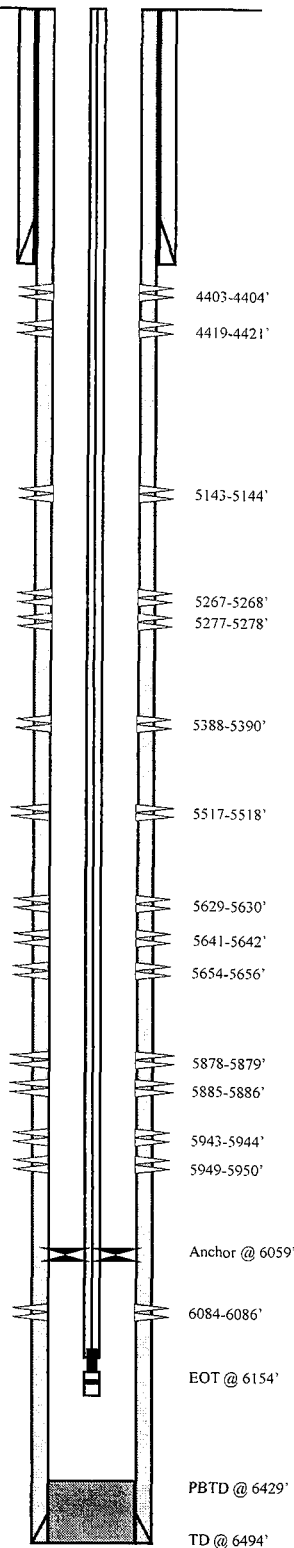
PUMP SPEED: 5 SPM

**FRAC JOB**

01/23/2012	5878-6086'	<b>Frac CP2, CP4 &amp; CP.5, sands as follows:</b> Frac with 44903# 20/40 white sand in 563 bbls lightning 17 fluid, 869 bbls total fluid to recover
01/27/2012	5517-5656'	<b>Frac LODC, sands as follows:</b> Frac with 140457# 20/40 white sand in 1094 bbls lightning 17 fluid, 1225 bbls total fluid to recover
01/27/2012	5143-5390'	<b>Frac A.S, B2 &amp; C-Sand, sands as follows:</b> Frac with 85657# 20/40 white sand in 645 bbls lightning 17 fluid, 795 bbls total fluid to recover
01/27/2012	4403-4421'	<b>Frac GB4, sands as follows:</b> Frac with 27676# 20/40 white sand in 222 bbls lightning 17 fluid, 376 bbls total fluid to recover

**PERFORATION RECORD**

6084-6086'	3 JSPF	6 holes
5949-5950'	3 JSPF	3 holes
5943-5944'	3 JSPF	3 holes
5885-5886'	3 JSPF	3 holes
5878-5879'	3 JSPF	3 holes
5654-5656'	3 JSPF	6 holes
5641-5642'	3 JSPF	3 holes
5629-5630'	3 JSPF	3 holes
5641-5642'	3 JSPF	3 holes
5654-5656'	3 JSPF	3 holes
5517-5518'	3 JSPF	3 holes
5388-5390'	3 JSPF	6 holes
5277-5278'	3 JSPF	3 holes
5267-5268'	3 JSPF	3 holes
5143-5144'	3 JSPF	3 holes
4419-4421'	3 JSPF	6 holes
4403-4404'	3 JSPF	3 holes

**NEWFIELD****GMBU S-6-9-16**

683' FSL &amp; 2051' FEL (SW/SE)

Section 6, T9S, R16E

Duchesne County, Utah

API #43-013-50733; Lease # UTU-74390



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **ASHLEY INJECTION**  
 Sample Point: **Commingled**  
 Sample Date: **2/7/2012**  
 Sample ID: **WA-206524**

Sales Rep: **Darren Betts**  
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	2/9/2012	Sodium (Na):	4748.15	Chloride (Cl):	6800.00
System Temperature 1 (°F):	300.00	Potassium (K):	37.40	Sulfate (SO <sub>4</sub> ):	30.00
System Pressure 1 (psig):	300.00	Magnesium (Mg):	16.70	Bicarbonate (HCO <sub>3</sub> ):	1220.00
System Temperature 2 (°F):	70.00	Calcium (Ca):	60.50	Carbonate (CO <sub>3</sub> ):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH <sub>3</sub> COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	33.10	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)	0.00
pH:	8.30	Iron (Fe):	1.43	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)	0.00
Calculated TDS (mg/L):	12947.45	Zinc (Zn):	0.00	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	0.00
CO <sub>2</sub> in Gas (%):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
Dissolved CO <sub>2</sub> (mg/L):	0.00	Ammonia NH <sub>3</sub> :	0.00	Bromine (Br):	0.00
H <sub>2</sub> S in Gas (%):	0.00	Manganese (Mn):	0.17	Silica (SiO <sub>2</sub> ):	0.00
H <sub>2</sub> S in Water (mg/L):	0.50				

## Notes:

P=5.55mg/l

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.26	36.82	1.65	18.18	1.96	0.44	1.42	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	1.32	38.17	1.42	17.38	1.75	0.43	1.56	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	1.40	40.60	1.25	16.55	1.63	0.43	1.71	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	1.49	43.19	1.12	15.78	1.56	0.42	1.86	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	1.60	45.64	1.03	15.15	1.54	0.42	2.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	1.73	47.78	0.96	14.69	1.56	0.42	2.13	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	204	1.86	49.48	0.93	14.40	1.61	0.43	2.25	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	2.00	50.71	0.92	14.29	1.68	0.43	2.36	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	268	2.15	51.56	0.92	14.32	1.77	0.43	2.46	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	300	2.31	52.11	0.94	14.45	1.87	0.44	2.55	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

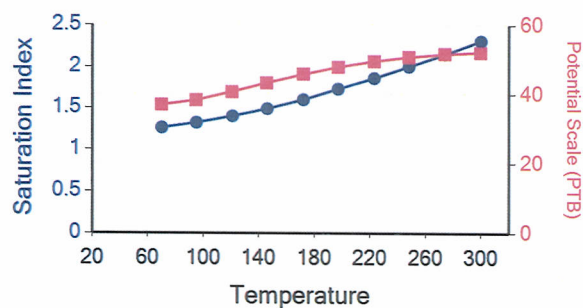
		Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	204	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	268	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

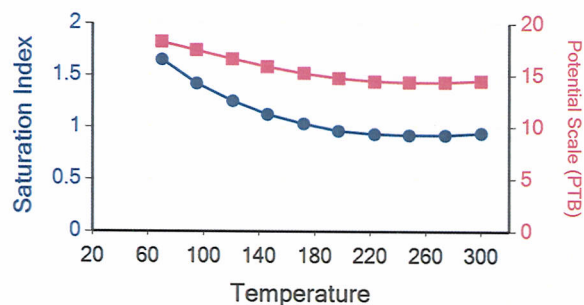


These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

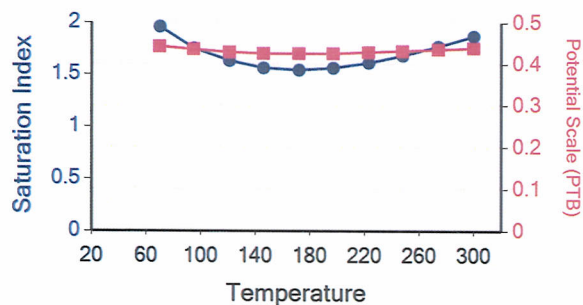
Calcium Carbonate



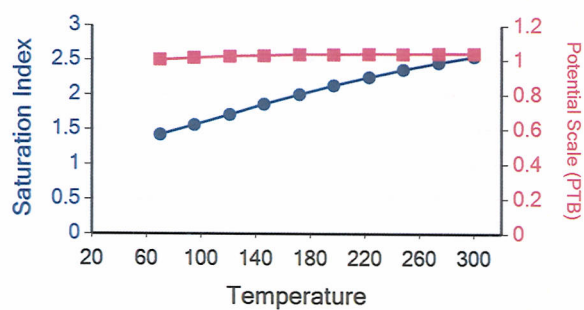
Barium Sulfate



Iron Sulfide



Iron Carbonate



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **MON 33-6Y-9-16**Sample Point: **Treater**Sample Date: **12/14/2011**Sample ID: **WA-204724**Sales Rep: **Darren Betts**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/14/2011	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	2793.01	Chloride (Cl):	3500.00
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO4):	42.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	4.60	Bicarbonate (HCO3):	1415.20
System Pressure 2 (psig):	14.70	Calcium (Ca):	6.02	Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.00	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	8.20	Barium (Ba):	10.80	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	7784.61	Iron (Fe):	12.80	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
H2S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Water (mg/L):	0.50	Manganese (Mn):	0.18	Silica (SiO2):	0.00

## Notes:

P=0.25 mg/l

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.32	2.46	1.51	6.20	2.92	0.45	2.47	9.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.35	2.61	1.27	6.02	2.70	0.45	2.59	9.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.42	3.00	1.09	5.80	2.59	0.45	2.74	9.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.51	3.40	0.95	5.57	2.53	0.45	2.88	9.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.61	3.79	0.85	5.35	2.53	0.45	3.02	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.73	4.14	0.78	5.18	2.56	0.45	3.15	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.85	4.42	0.74	5.07	2.63	0.45	3.26	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.98	4.65	0.72	5.02	2.71	0.45	3.37	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.11	4.82	0.73	5.03	2.82	0.45	3.45	9.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.24	4.94	0.75	5.09	2.93	0.45	3.52	9.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

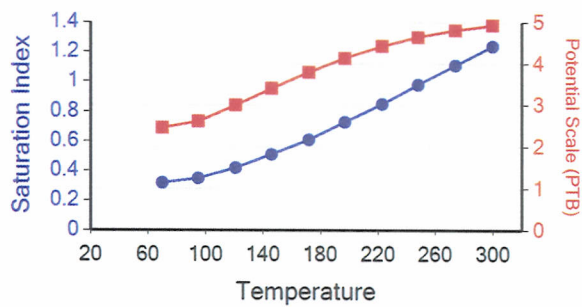
		Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

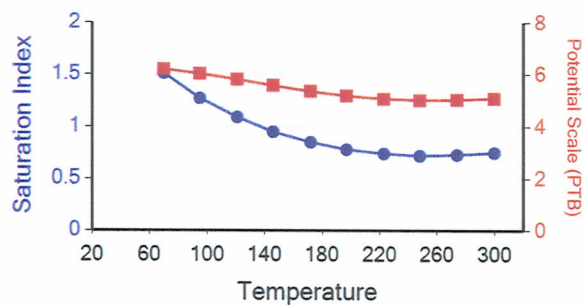


These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

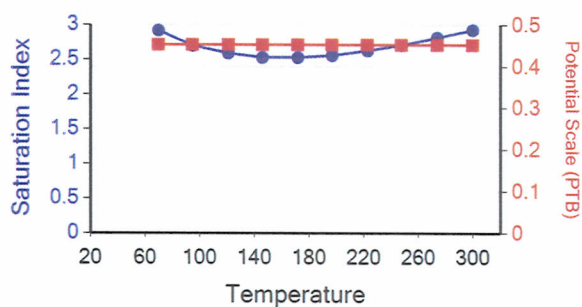
Calcium Carbonate



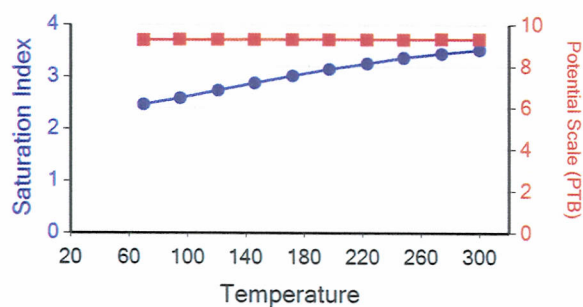
Barium Sulfate



Iron Sulfide



Iron Carbonate



# Attachment "G"

## Monument Federal #33-6-9-16Y Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5734	5742	5738	1880	0.76	1843
4406	4412	4409	1840	0.85	1811
				Minimum	<u>1811</u>

### Calculation of Maximum Surface Injection Pressure

$$P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$Frac\ Gradient = (ISIP + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

BALCHON OIL DIVISION  
DAILY COMPLETION / WORKOVER REPORT6-21-96  
DATE 6-24-96

WELL NAME & NO. MONUMENT FED. 33-6-9-16 YIELD MONUMENT BUTTE  
 SEC. 6 TWP. 9S RNG. 16E COUNTY DUCHESNE STATE UTAH  
 TD 6100 MTD 6042 KB 10 ELEV. CHD. LEVEL 5867  
 TBG. SIZE 2 7/8 TYPE E4E GRADE J-55 THRD. 8 RD WT. 6.5 RNG. 2  
 TBG. SIZE TYPE GRADE THRD. WT. RNG.  
 CAS. SIZE 5 1/2 TYPE L74C GRADE J-55 THRD. 8 RD WT. 15.5 RNG. 3  
 CAS. SIZE TYPE GRADE THRD. WT. RNG.  
 PERFORATIONS / OPEN HOLE

REASON FOR JOB NEW COMPLETION RESENT OPERATION.

CSG. PRESS. TIG. PRESS. WEATHER

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

6-21-96 DRESS UP LOC., SET BIG ANCHORS, SET BIG PUMP & TANKS  
 1030 MIRU CANNON WELL SERVICE RIG #2  
 N 4 5 M WELL HEAD.  
 N 4 BOP  
 1430 SWIR  
 6-24-96 TIR W/ 4 3/4 BIT & 5 1/2 CAS. SCRAPER & 196 JIS. TBS.  
 TBS PBTB AT 6042' SB.  
 CIRCULATE HOLE CLEAN W/ 135 BBS, 2% KOL WATER.  
 TOOH W/ TBS. & TOOLS.  
 1230 SWIR

## DAILY COSTS:

LOAD TO RECOVER, 119 BBLS. OF WATER

COMPLETION RIG	\$ 1331	TBG.	\$	CHEMICALS	\$
BOP RENTAL	\$ 170	RODS	\$	CEMENTING	\$
EQUIP. RENTAL	\$ 90	PONIES & PUPS	\$	RIG ANCHORS	\$ 250
TANK RENTAL	\$ 60	DOWN HOLE PUMP	\$	CATS & GRADERS	\$ 725
HOT OILER	\$	TA, MA, SH,	\$		
COMPLETION FLUID	\$	WELL HEAD EQUIP.	\$		
LOG & PERFORATE	\$	VALVES & FITTINGS	\$		
STIMULATION	\$	TREATER/SEPERATER	\$		
TRANSPORTATION	\$	TANKS	\$		
CONTRACT LABOR	\$	PUMP UNIT/ENGINES	\$		
PACKERS (RENTAL)	\$ 1967	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$				

OPERATIONS SUPERVISOR

Dale Griffin

BALCHON OIL DIVISION  
DAILY COMPLETION / WORKOVER REPORT

DATE 6-25-96

WELL NAME & NO. MONUMENT FED. 33-6-9-16 Y FIELD WELLS DRBW  
 SEC. 6 TWP. 9S RNG. 16E COUNTY DUCHESNE STATE UTAH  
 TD 6100 PBD 6042 KB 10 ELEV. GRD. LEVEL 5867  
 TBG. SIZE 2 7/8 TYPE EHE GRADE J-55 THRD. 8-RD. WT. 6.5 RNC. 2  
 TBG. SIZE TYPE GRADE THRD. WT. RNC.  
 CAS. SIZE 5 1/2 TYPE LT+C GRADE J-55 THRD. 8 RD. WT. 15.5 RNC. 3  
 CAS. SIZE TYPE GRADE THRD. WT. RNC.  
 PERFORATIONS / OPEN HOLE 4845-53, 4854-59

REASON FOR JOE NEW COMPLETION PRESENT OPERATION  
 CSG. PRESS. TBG. PRESS. WEATHER clear

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

0700 RUN CUTTER WIRE LINE TO RUN CBL & PERF.  
 RUN CBL FROM 6029' KB TO SURFACE KB.  
 TQC AT 226' KB  
 PERF. 4845-53, 4854-59 4-SPF  
 RD CUTTER.  
 T.H. W/BBP, RETRIEVING TOOL, 2 3/4 X 4' SUB. HD PKR., 2 3/4 X 2 3/4  
 CROSS OVER, 2 3/4 SEAT NIPPLE + 158 JTS. 2 3/4 TBG.  
 SET BP AT 4904' KB.  
 SET PKR. AT 4769' KB.  
 EOT AT 4776' KB  
 1230 SWIFD.

## DAILY COSTS:

LOAD TO RECOVER, 119 BBLS. OF WATER

COMPLETION RIG	\$ 713	TBG.	\$	CHEMICALS	\$
BOP RENTAL	\$ 170	ROLLS	\$	CEMENTING	\$
EQUIP. RENTAL	\$ 90	PONIES & PUPS	\$	RIG ANCHORS	\$
TANK RENTAL	\$ 60	DOWN HOLE PUMP	\$	CATS & GRADERS	\$
HOT OILER	\$	TA, MA, SN.	\$		\$
COMPLETION FLUID	\$	WELL HEAD EQUIP.	\$		\$
LOG & PERFORATE	\$ 4974	VALVES & FITTINGS	\$		\$
STIMULATION	\$	TREATER/SEPERATEN	\$		\$
TRANSPORTATION	\$ 795	TANKS	\$		\$
CONTRACT LABOR	\$	PUMP UNIT/ENGINES	\$		\$
PACKERS (RENTAL)	\$	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$ 6737				

OPERATIONS SUPERVISOR Dale Griffin

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BALCHON OIL DIVISION  
DAILY COMPLETION / WORKOVER REPORT

DATE 6-26-96

WELL NAME & NO. MONUMENT FED. 33-6-9-16Y FIELD WELLS DRILL  
 SEC. 6 TWP. 9S RING. 16E COUNTY DUCHESSNE STATE UTAH  
 TD 6100 PBD 6042 KB 10 ELEV. GRD. LEVEL 5867  
 TBG. SIZE 2 7/8 TYPE FUE GRADE J-55 THRD. 8 RD WT. 6.5 RING. 2  
 TBG. SIZE TYPE GRADE THRD. WT. RING.  
 CAS. SIZE 5 1/2 TYPE LI+C GRADE J-55 THRD. 8 RD WT. 15.5 RING. 3  
 CAS. SIZE TYPE GRADE THRD. WT. RING.  
 PERFORATIONS / OPEN HOLE 4845-53, 4854-59

REASON FOR JOE NEW COMPLETION PRESENT OR MATION  
 CSG. PRESS. TBG. PRESS. WEATHER PIG

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

0500 R U BJ SERVICE TO BREAK DOWN + FRAC 4845-59.  
 REFER TO TREATMENT REPORT. USED 62 BBL. WATER.  
 TOOK W/TBG., PKR. + RETRIEVING TOOL. FLOW BACK 11 BOW.  
 FRAC 4845-59  
 REFER TO TREATMENT REPORT. USED 300 BBL. WATER.  
 0957 START FRAC  
 0915 END FRAC  
 SCREEN OUT W/ 29,229 LBS. OF SAND ON FORMATION.  
 BLEED WELL DOWN, .5 BPM. FLOW BACK 110 BBL. WATER.  
 T/H W/ RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PKR., 2 3/4 X 2 3/4  
 CROSS OVER, 2 3/4 SEAT NIPPLE + 146 JTS, YBG.  
 TAG SAND AT 4480' KB.  
 CIRCULATE DOWN TO OP AT 4904' KB. SET PKR AT 4769'.  
 MADE 11 SWAB RUNS.  
 RECOVERED 57 BBL. WATER. NO OIL. GOOD GAS. 1% SAND.  
 FINAL FLUID LEVEL 1500'  
 1745 SWIFD

DAILY COSTS:

LOAD TO RECOVER 303 BBLS. OF WATER

COMPLETION RIG	\$ 1576	TBG.	\$	CHEMICALS	\$
BOP RENTAL	\$ 170	RODS	\$	CEMENTING	\$
EQUIP. RENTAL	\$ 90	PONIES & PUIS	\$	RIG ANCHORS	\$
TANK RENTAL	\$ 60	DOWN HOLE PUMP	\$	CATS & GRADERS	\$
HOT OILER	\$ 389	TA, MA, SN,	\$		\$
COMPLETION FLUID	\$ 2050	WELL HEAD EQUIP.	\$		\$
LOG & PERFORATE	\$	VALVES & FITTINGS	\$		\$
STIMULATION	\$ 19,894	TREATER/SEPERATER	\$		\$
TRANSPORTATION	\$	TANKS	\$		\$
CONTRACT LABOR	\$	PUMP UNIT/ENGINES	\$		\$
PACKERS (RENTAL)	\$	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$				

OPERATIONS SUPERVISOR

Dale R. P.

4 of 11

## BALCHON OIL DIVISION

## DAILY COMPLETION / WORKOVER REPORT

DATE 6-27-96

WELL NAME & NO. MONUMENT FEE. 33-6-9-16 Y FIELD WELLS DRAW  
 SEC. 6 TWP. 9S RNG. 16E COUNTY DUCHESNE STATE UTAH  
 TD 6100 PRTD 6042 KB 10 ELEV. GRD. LEVEL 5367  
 TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 RD. WT. 6.5 RNG. 2  
 TBG. SIZE TYPE GRADE THRD. WT. RNG.  
 CAS. SIZE 5 1/2 TYPE LT4C GRADE J-55 THRD. 8 RD WT. 15.5 RNG. 3  
 CAS. SIZE TYPE GRADE THRD. WT. RNG.  
 PERFORATIONS / OPEN HOLE 4845-53, 4854-59

REASON FOR JOE NEW COMPLETION REEST OF MATION  
 CSQ. PRESS. 0 TNG. PRESS. 15 WEATHER WINDY 84°

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

0700 FLUID LEVEL 400'.  
 MADE 30 SWAB RUNS.  
 RECOVERED 15 BBL. OIL & 169 BBL. WATER.  
 GOOD GAS ON LAST 10 RUNS.  
 OIL 40% LAST 2 RUNS.  
 NO SAND LAST 10 RUNS.  
 1700 SWIFN

## DAILY COSTS:

LOAD TO RECOVER, 134 BBLS. OF WATER

COMPLETION RIG	\$ 1578	TBG.	\$	CHEMICALS	\$
BOP RENTAL	\$ 120	RODS	\$	CEMENTING	\$
EQUIP. RENTAL	\$ 90	PONIES & PUMPS	\$	RIG ANCHORS	\$
TANK RENTAL	\$ 60	DOWN HOLE PUMP	\$	CATS & GRADERS	\$
HOT OILER	\$	TA, MA, 3H.	\$		\$
COMPLETION FLUID	\$	WELL HEAD EQUIP.	\$		\$
LOG & PERFORATE	\$	VALVES & FITTINGS	\$		\$
STIMULATION	\$	TREATER/SEPERATER	\$		\$
TRANSPORTATION	\$	TANKS	\$		\$
CONTRACT LABOR	\$	PUMP UNIT/ENGINES	\$		\$
PACKERS (RENTAL)	\$	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$				

OPERATIONS SUPERVISOR

Dale Griffin

50811

PALCHON OIL DIVISION  
DAILY COMPLETION / WORKOVER REPORT

DATE 6-28-96

WELL NAME & NO. MONUMENT FID. 33-6-9-16V FIELD WELLS DRAW  
 SEC. 6 TWP. 9S RNG. 16E COUNTY DUCHECNE STATE UT.  
 TD 6100 PRTD 6042 KB 10 ELEV. GRD. LEVEL 5867  
 TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 RD WT. 6.5 RNG. 2  
 TBG. SIZE TYPE GRADE THRD. WT. RNG.  
 CAS. SIZE 5 1/2 TYPE LT+C GRADE J-55 THRD. 8 RD WT. 15.5 RNG. 3  
 CAS. SIZE TYPE GRADE THRD. WT. RNG.  
 PERFORATIONS / OPEN HOLE 4845-53, 4854-59

REASON FOR JOB NEW COMPLETION PRESENT OPERATION:  
 CSG. PRESS. 0 TBG. PRESS. 340 WEATHER CLOUDY

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

0600 BLEED WELL DOWN. RELEASE PACKER, TAG SAND AT 4890' KB.  
 CIRCULATE DOWN TO BP AT 4904' KB. RELEASE BP, TOOH W/TBG,  
 PHA. & BP.

T/H W/ PRODUCTION STRING (TBE.)

	LENGTH	DEPTH KB
1- NOTCHED - PINNED COLLOR	.40	4929.28
1-JT, 2 7/8 EUE J-55 8RD, 6.5#	30.53	4928.88
1-PERF SUB 2 7/8 X 4'	4.20	4898.35
1-SEAT NIPPLE 2 7/8	1.10	4899.15
4-JTS, 2 7/8 EUE J-55 8RD, 6.5#	124.60	4893.05
1-TBG, ANCHOR 2 7/8 X 5 1/2 (TAICO)	2.75	4768.45
154-JTS, 2 7/8 EUE J-55 8RD, 6.5#	4755.70	4765.70
KB	10.00	

ND BOP, ND 5M WELL HEAD, NH 3M WELL HEAD.  
 SET TBG, ANCHOR W/ 10" TENSION, FLANG UP WELL HEAD.

T/H W/ PRODUCTION STRING (RODS)

1-DHP, 2 1/2" X 1 1/2" X 15 1/2" BHAC W/ 5M PLUNGER (TBIC#1176)  
 1-7/8 X 2' PONY W/ 2 1/2" GUIDE.  
 1-1 1/2" X 2.5' K-BAR  
 1-7/8 X 2' PONY W/ 2 1/2" GUIDE.  
 193-3/4" X 2.5' D-61 PLBIN  
 1-3/4" X 8' PONY  
 1-POLISH ROD 1 1/4" X 22' 5M.

PRESS. TEST DHP + TBG. TO 1000 PSI, OK.

1330 SHUT WELL IN. BDMO

DAILY COSTS:

134 LOAD TO RECOVER, 134 BBLS. OF WATER

COMPLETION RIG	\$ 1125	TBG, 4944'	\$ 10729	CHEMICALS	\$
BOP RENTAL	\$ 170	RODS 4825'	\$ 4225	CEMENTING	\$
EQUIP. RENTAL	\$ 90	PONIES & PULS	\$ 321	RIG ANCHORS	\$
TANK RENTAL	\$ 60	DOWN HOLE PULP	\$ 1079	CATS & GRADERS	\$
HOT OILER	\$ 425	PA, MA, SD	\$ 786		\$
COMPLETION FLUID	\$	WELL HEAD EQUIP.	\$ 1797		\$
LOG & PERFORATE	\$	VALVES & FITTINGS	\$		\$
STIMULATION	\$	TREATER/SEPERATER	\$		\$
TRANSPORTATION	\$	TANKS	\$		\$
CONTRACT LABOR	\$ 235	PULP UNIT/ENGINES	\$		\$
PACKERS (RENTAL)	\$	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$				

OPERATIONS SUPERVISOR

Dale Griffin

\$21,112

60f11

## BALCRON OIL DIVISION

## DAILY COMPLETION / WORKOVER REPORT

DATE 7-10-96

WELL NAME & NO. MONUMENT FED. 33-6-9-16Y FIELD WELLS DRAWSEC. 6 TWP. 9 S RNG. 16 E COUNTY DUCHESNE STATE UTAHTD 6100 PBD 6042 KB 10 ELEV. GRD. LEVEL 5867TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. 8 RD. WT. 6.5 RNG. 2

TBG. SIZE TYPE GRADE THRD. WT. RNG.

CAS. SIZE 5 1/2 TYPE LT4C GRADE J-55 THRD. 8 RD. WT. 15.5 RNG. 3

CAS. SIZE TYPE GRADE THRD. WT. RNG.

PERFORATIONS / OPEN HOLE 4845-53, 4854-59REASON FOR JOE NEW COMPLETION PRESENT OPERATION INITIAL PRODUCTION

CSG. PRESS. TBG. PRESS. WEATHER

TIME

DESCRIPTION OF OPERATIONS AND COMMENTS

1530. START WELL PUMPING5 SPM94" STROKEPUMP UNIT: LUFKIN C 320-D 305-100  
SIN D-84999-441779 (FROM: GANE)ENGINE: AJAX, CMA 8 1/2 X 10 SIN 7525 (FROM: TIMCO)TANKS: NATCO, 12' X 20' 400 BBL. W/ BURNERS, STAIRS & CATWALK.S/N 9E-08201-12 (FROM: NATCO)S/N 9E-08201-11 (FROM: NATCO)DRUM TANK: 12' X 5' 100 BBL. OPEN TOP (FROM: W.E. MACHINE)TREATER: BELCO, 6 X 15 75 PSIS/N 125 N (FROM: M.S. 12-2)PUMPER: NEWELL RICHENS

## DAILY COSTS:

LOAD TO RECOVER, 134 BBLS. OF WATER

COMPLETION RIG	\$	TBG.	\$	CHEMICALS	\$
BOP RENTAL	\$	RODS	\$	CEMENTING	\$
EQUIP. RENTAL	\$	PONIES & PUMPS	\$	RIG ANCHORS	\$
TANK RENTAL	\$	DOWN HOLE PUMP	\$	CATS & GRADERS	\$
HOT OILER	\$	TA, MA, SN,	\$	INSULATE	\$ 5000
COMPLETION FLUID	\$	WELL HEAD EQUIP.	\$		\$
LOG & PERFERATE	\$	VALVES & FITTINGS	\$ 8200		\$
STIMULATION	\$	TREATER/SEPERATER	\$		\$
TRANSPORTATION	\$	TANKS	\$ 16,450		\$
CONTRACT LABOR	\$ 13,189	PUMP UNIT/ENGINES	\$		\$
PACKERS (RENTAL)	\$	PACKERS/PURCHASE	\$	SUPERVISION	\$
CUMULATIVE COST	\$				

OPERATIONS SUPERVISOR

Dale Griffin



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## EQUITABLE RESOURCES ENERGY COMPANY

## DAILY COMPLETION &amp; WORKOVER REPORT

1 - 10 - 97  
Date: 1 - 11 - 97

Well Name & No. MONUMENT FED. 33-6-9-16Y Field MONUMENT BUTTE  
 Sec. 6 Twp. 9.5 Rng. 16 E County VICHESNE State MT.  
 Td. 6100 Pbt. 6042 Kbm. 10 Grnd. Level 5867 Fill \_\_\_\_\_ Date \_\_\_\_\_  
 Tbg. Size 2 7/8 Type EYE Grade J-55 Thrd. 8 RD. Wt. 6.5 Rng. 2  
 Tbg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Csg. Size 5 1/2 Type LTTC Grade J-55 Thrd. 8 RD. Wt. 15.5 Rng. 3  
 Csg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Liner Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_

Perforations / Open Hole: 4845-53 4854-59Reason For Job REPAIR

Present Operation \_\_\_\_\_

Csg. Press. \_\_\_\_\_

Tbg. Press. \_\_\_\_\_

Weather \_\_\_\_\_

## TIME

## DESCRIPTION OF OPERATIONS &amp; COMMENTS

MOVE IN RIG, RIG PUMP & TANKS. FAINT CONST. BIG # 1428  
TO WINDY TO RIG UP.  
1-11-97  
0700 RU, HANG WELL OFF, UNSEAT VHP, FLUSH RODS W/ 45 BW. 290  
KCL WATER.  
TOOH W/ROD STAINING.  
ND WELL HEAD, NU BOP. UNSET TBB, ANCHOR.  
TOOH W/TBB. STAINING.  
ND BOP.  
ND 3-M WELL HEAD, NU 5-M WELL HEAD, NU BOP.  
1700 SHUT WELL IN UNTILL 1-12-97

Daily Costs: \_\_\_\_\_ Cumulative Costs: \_\_\_\_\_ Load To Recover: 45 bbls. Of WATER  
 bbls. Of \_\_\_\_\_

Completion Rig	\$ <u>2006</u>	Tbg. Jts.	Ft. \$	Chemicals	\$
Bop Rental	\$ <u>170</u>	Rods Jts.	Ft. \$	Cementing	\$
Tank Rental	\$ <u>120</u>	Ponies & Pups	\$	Rig Anchors	\$
Hot Oil	\$	Down Hole Pump	\$	Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn,	\$		\$
Log & perforate	\$	Well Head Equip.	\$		\$
Stimulation	\$	Valves & Fittings	\$		\$
Contract Labor	\$	Treater / Separator	\$		\$
Down Hole Tools (rental)	\$	Tanks	\$		\$
Equipment Rental	\$ <u>90</u>	Pump Unit / Engines	\$		\$
Transportation	\$ <u>1129</u>	DH Tools (Purchase)	\$	Supervision	\$

Operations Supervisor

Dale Griffin



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## EQUITABLE RESOURCES ENERGY COMPANY

## DAILY COMPLETION &amp; WORKOVER REPORT

Date: 1-14-97

Well Name & No. MONUMENT FED. 33-6-9-16Y Field MONUMENT BUTTE  
 Sec. 4 Twp. 9S Rng. 16E County DUCHEGNE State WY.  
 Td. 6100 Pbitd. 6042 Kbm. 10 Grnd. Level 5067 Fill \_\_\_\_\_ Date \_\_\_\_\_  
 Tbg. Size 2 7/8 Type EHE Grade J-55 Thrd. GRD. Wt. 6.5 Rng. 2  
 Tbg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Csg. Size 5 1/2 Type LT+C Grade J-55 Thrd. GRD. Wt. 15.5 Rng. 3  
 Csg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Liner Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_

Perforations / Open Hole: 4845-53 , 4854-59Reason For Job REFRACCsg. Press. VAC Tbg. Press. \_\_\_\_\_

Present Operation

Weather 9°F SNOWING

TIME DESCRIPTION OF OPERATIONS &amp; COMMENTS

0700 THAW WELL HEAD.  
 TIA W/ HD PKR., 2 7/8 SEAT NIPPLE + 158 JTS, 2 7/8 TBG TO 4891' KB.  
 DID NOT TAG SAND.  
 Pull up AND SET PKR. AT 4790' KB.  
 1200 MADE 9 SWAB RUNS. REFER TO SWAB REPORT.  
 RECOVERED TRACE OF OIL, TO BBL. WATER, SAND,  
 PARTED SAND LINE ROPE SOCKET ON 9TH RUN.  
 RELEASE PKR., TOOK W/ TBG. + PKR.  
 RETRIEVE SINKER BAR + SWAB.  
 TIA W/ HD PKR., 2 7/8 SEAT NIPPLE + 155 JTS, 2 7/8 TBG.  
 SET PKR. AT 4790' KB.  
 1800 SWIFD

Daily Costs: \_\_\_\_\_ Cumulative Costs: \_\_\_\_\_ Load To Recover: 520 bbls. Of WATER  
 bbls. Of \_\_\_\_\_

Completion Rig	\$ 1548	Tbg.	Jts.	Ft.	\$	Chemicals	\$
Bop Rental	\$ 170	Rods	Jts.	Ft.	\$	Cementing	\$
Tank Rental	\$ 60	Ponies & Pups			\$	Rig Anchors	\$
Hot Oiler	\$ 325	Down Hole Pump			\$	Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn			\$		\$
Log & perforate	\$	Well Head Equip.			\$		\$
Stimulation	\$	Valves & Fittings			\$		\$
Contract Labor	\$	Treater / Separator			\$		\$
Down Hole Tools (rental)	\$	Tanks			\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines			\$		\$
Transportation	\$ 267	DH Tools (Purchase)			\$	Supervision	\$

Operations Supervisor

Dale Griffin

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## EQUITABLE RESOURCES ENERGY COMPANY

## DAILY COMPLETION &amp; WORKOVER REPORT

Date: 1.15.97

Well Name & No. MONUMENTED 33-6-9-16V Field MONUMENT BUTTE  
 Sec. 6 Twp. 9S Rng. 16E County DUCHESSNE State WY.  
 Td. 6100 Pbitd. 6042 Kbm. 10 Gmd. Level 5867 Fill 5750 Date 1.15.97  
 Tbg. Size 2 3/4 Type FHE Grade J-55 Thrd. 8 AD. Wt. 6.5 Rng. 2  
 Tbg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Csg. Size 5/8 Type LTC Grade J-55 Thrd. 8 AD. Wt. 15.5 Rng. 3  
 Csg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Liner Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_

Perforations / Open Hole: 4845-53, 4854-59.

Reason For Job REFRAC Present Operation \_\_\_\_\_  
 Csg. Press. 0 Tbg. Press. 0 Weather 0°F

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0700	FLUID LEVEL 800'
	MADE 27 SWAB RUNS. REFER TO SWAB REPORT.
	RECOVERED TRACE OF OIL, NO BBL. WATER, TRACE SAND.
	FLUID LEVEL 4500' LAST 9 RUNS.
	300' OF FLUID ENTRY @ 1/4 HR.
	RELEASE PKR., TAG SAND AT 5750' KB.
	DID NOT CIRCULATE SAND OUT BECAUSE OF FREEZING CONDITIONS.
	PULL UP 9 JTS.
1830	SWIFD

Daily Costs: \_\_\_\_\_ Cumulative Costs: \_\_\_\_\_ Load To Recover: 410 bbls. Of WATER  
 \_\_\_\_\_ bbls. Of \_\_\_\_\_

		570	
Completion Rig	\$ 1697	Tbg. Jts.	\$
Bop Rental	\$ 170	Rods Jts.	\$
Tank Rental	\$ 60	Ponies & Pups	\$
Hot Oil	\$ 300	Down Hole Pump	\$
Completion Fluid	\$	Ta, Ma, sn	\$
Log & perforate	\$	Well Head Equip.	\$
Stimulation	\$	Valves & Fittings	\$
Contract Labor	\$ 275	Treater / Separator	\$
Down Hole Tools (rental)	\$	Tanks	\$
Equipment Rental	\$ 90	Pump Unit / Engines	\$
Transportation	\$	DH Tools (Purchase)	\$
		Chemicals	\$
		Cementing	\$
		Rig Anchors	\$
		Cats & Graders	\$
			\$
			\$
			\$
			\$
			\$
			\$
		Supervision	\$

Operations Supervisor

Dale Griffin

## ATTACHMENT G-1

11 of 11

## EQUITABLE RESOURCES ENERGY COMPANY

## DAILY COMPLETION &amp; WORKOVER REPORT

Date: 1-16-97

Well Name & No. MONUMENT FED. 33-6-9-16Y Field MONUMENT BUTTE  
 Sec. 6 Twp. 9S Rng. 16E County DUCHEPNE State MT.  
 Td. 6100 Pbtid 6042 Kbm. 10 Gmd. Level 5867 Fill \_\_\_\_\_ Date \_\_\_\_\_  
 Tbg. Size 2 7/8 Type EUE Grade J-55 Thrd. 8BD. Wt. 6.5 Rng. 2  
 Tbg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Csg. Size 5 1/2 Type LT+C Grade J-55 Thrd. 8BD. Wt. 15.5 Rng. 3  
 Csg. Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_  
 Liner Size \_\_\_\_\_ Type \_\_\_\_\_ Grade \_\_\_\_\_ Thrd. \_\_\_\_\_ Wt. \_\_\_\_\_ Rng. \_\_\_\_\_

Perforations / Open Hole: 4845-53 4854-59

Reason For Job REFRAC Present Operation \_\_\_\_\_  
 Csg. Press. 0 Tbg. Press. 0 Weather \_\_\_\_\_

TIME	DESCRIPTION OF OPERATIONS & COMMENTS																											
0700	TOOH w/TBG. & PKR. ND BOP, ND 5-M WELL HEAD, NU 3-M WELL HEAD, NU BOP. TTH w/TBG. STRING.																											
	<table border="1"> <thead> <tr> <th></th><th>LENGTH</th><th>DEPTH KB</th></tr> </thead> <tbody> <tr> <td>1-NOTCHED-PINNED COLLOR 2 7/8</td><td>.40</td><td>4828.88</td></tr> <tr> <td>1-JT. 2 7/8 EUE J-55 8BD. 6.5#</td><td>30.13</td><td>4878.48</td></tr> <tr> <td>1-PERF SUB 2 7/8 X 4'</td><td>4.20</td><td>4993.35</td></tr> <tr> <td>1-SEPT NIPPLE 2 7/8</td><td>1.10</td><td>4894.15</td></tr> <tr> <td>4-JTS. 2 7/8 EUE J-55 8BD. 6.5#</td><td>124.60</td><td>4893.05</td></tr> <tr> <td>1-TBG. ANCHOR 2 7/8 X 5 1/2 (TRICO)</td><td>2.75</td><td>4768.45</td></tr> <tr> <td>154-JTS. 2 7/8 EUE J-55 8BD. 6.5#</td><td>4755.70</td><td>4765.70</td></tr> <tr> <td>KB</td><td>10.00</td><td></td></tr> </tbody> </table>		LENGTH	DEPTH KB	1-NOTCHED-PINNED COLLOR 2 7/8	.40	4828.88	1-JT. 2 7/8 EUE J-55 8BD. 6.5#	30.13	4878.48	1-PERF SUB 2 7/8 X 4'	4.20	4993.35	1-SEPT NIPPLE 2 7/8	1.10	4894.15	4-JTS. 2 7/8 EUE J-55 8BD. 6.5#	124.60	4893.05	1-TBG. ANCHOR 2 7/8 X 5 1/2 (TRICO)	2.75	4768.45	154-JTS. 2 7/8 EUE J-55 8BD. 6.5#	4755.70	4765.70	KB	10.00	
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154-JTS. 2 7/8 EUE J-55 8BD. 6.5#	4755.70	4765.70																										
KB	10.00																											
	ND BOP, SET TBG. ANCHOR w/12" TENSION. NU WELL HEAD. TTH w/ROD STRING.																											
	1-DHP, 2 1/2 X 1 1/2 X 16 RHAC w/SM PLUNGER (TRICO # ?) 1-1 1/2 X 2' PONY w/1 1/2" GUIDE 1-1 1/2" X 25' K-BAR 1-1 1/2 X 2' PONY w/1 1/2" GUIDE 193-3/4" X 25' D PLAIN 1-3/4" X 8' PONY 1-POLISH ROD 1 1/4" X 12'																											
	PRESS. TEST DHP & TBG. TO 800 PSI, OK. HANG WELL ON RDMO																											
1900	START WELL PUMPING.																											

Daily Costs: \_\_\_\_\_ Cumulative Costs: \_\_\_\_\_ Load To Recover: 420 bbls. Of WATER  
 \_\_\_\_\_ bbls. Of \_\_\_\_\_

Completion Rig	\$ 1569	Tbg.	Jts.	Ft.	\$	Chemicals	\$
Bop Rental	\$ 170	Rods	Jts.	Ft.	\$	Cementing	\$
Tank Rental	\$ 60	Ponies & Pups			\$	Rig Anchors	\$
Hot Oilier	\$ 371	Down Hole Pump			\$ 997	Cats & Graders	\$
Completion Fluid	\$	Ta. Ma. (sp.)			\$ 773		\$
Log & perforate	\$	Well Head Equip.			\$		\$
Stimulation	\$	Valves & Fittings			\$		\$
Contract Labor	\$	Treater / Separator			\$		\$
Down Hole Tools (rental)	\$	Tanks			\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines			\$		\$
Transportation	\$	DH Tools (Purchase)			\$	Supervision	\$

Operations Supervisor

Dale Griffin

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4356'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 180' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 38 sx Class "G" cement down 5 ½" casing to 312'

The approximate cost to plug and abandon this well is \$42,000.

## Monument Federal #33-6-9-16Y

Spud Date: 6/4/96

Put on Production: 7/10/96

GL: 5867' KB: 5877

Initial Production: BOPD,  
MCFPD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts (252')

DEPTH LANDED: 262'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, 2% CaCl<sub>2</sub>, 1/4#/sx cello flake

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts. (6070')

DEPTH LANDED: 6080'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Super "G", 3% salt, 2% gel, 2#/sx kol-seal,  
1/4#/sx cello flake. Tail w/290 sxs 50/50 poz, 2% gel, 1/4#/sx kol-seal.

CEMENT TOP: 226'

### Proposed P&A Wellbore Diagram

Top of cement 226'  
Casing Shoe @ 262'

Pump 38 sx Class "G" Cement down 5-1/2" casing to 312'

120' balance plug using 14 sx Class "G" cement 60'  
above Uinta/Green River and extending 60' below  
(1618'-1738')

180' balance plug using 21 sx Class "G" cement 50'  
above Trona-Bird's Nest extending 50' below base of  
Mahogany Oil Shale (2977'-3157')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4356'

4406-4412'

4845 - 4853' reperfed

4854 - 4859' reperfed

5256-5260'

5262-5268'

5734-5742'

PBTD @ 6042'

TD @ 6100'

**NEWFIELD**

**Monument Federal #33-6-9-16Y**

1850' FSL & 1850' FEL

NW/SE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31589; Lease #UTU-74390

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850 FSL 1850 FEL

NWSE Section 6 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MON FED 33-6-9-16Y

9. API Well No.

4301331589

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

03/23/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 9, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Federal 33-6-9-16Y, Section 6, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31589


Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,148 feet in the Monument Federal 33-6-9-16Y well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

  
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





**DIVISION OF OIL, GAS AND MINING**  
**UNDERGROUND INJECTION CONTROL PROGRAM**  
**PERMIT**  
**STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Monument Federal 33-6-9-16Y

**Location:** 6/9S/16E      **API:** 43-013-31589

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 262 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,080 feet. A cement bond log demonstrates adequate bond in this well up to about 2,846 feet. A 2 7/8 inch tubing with a packer will be set at 4,356 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 11 producing wells, 7 injection wells, 1 P/A well, and 1 shut-in well in the AOR. Five of the producing wells are directionally drilled, with a surface locations inside the AOR and a bottom hole locations outside the AOR. In addition, there are two directional wells with surface locations outside the AOR and bottom hole locations inside the AOR. Also, there are 2 currently drilling directional wells with surface locations outside the AOR and either a bottom hole location or a portion of the well traverse inside the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1200 feet. Injection shall be limited to the interval between 4,148 feet and 6,042 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 33-6-9-16Y well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,811 psig. The requested maximum pressure is 1,811 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Monument Federal 33-6-9-16Y**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 7/6/2012

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
API 43-013-32830  
Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-15781  
Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32821  
Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944  
Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884  
Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900  
Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589  
Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652  
Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33162  
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148  
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085  
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340  
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352

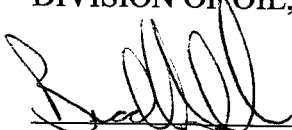
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15,  
ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15,  
MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16,  
FEDERAL 7-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16**

**Cause No. UIC-390**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

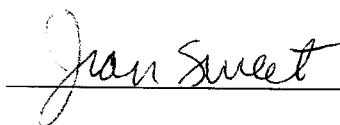
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_

**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 4/11/2012 10:09 AM  
**Subject:** Legal Notice  
**Attachments:** OrderConf.pdf

AD# 783810  
Run Trib/DNews - 4/14  
Cost \$293.96  
Thank you  
Mark



## Order Confirmation for Ad #0000783810-01

**Client** DIV OF OIL-GAS & MINING  
**Client Phone** 801-538-5340  
**Account#** [REDACTED]  
**Address** 1594 W NORTH TEMP #1210, P.O. BOX 145801  
SALT LAKE CITY, UT 84114 USA

**Payor Customer** DIV OF OIL-GAS & MINING  
**Payor Phone** 801-538-5340  
**Payor Account** [REDACTED]  
**Payor Address** 1594 W NORTH TEMP #1210, P.O. BOX  
SALT LAKE CITY, UT 84114

**Fax** 801-359-3940  
**EEmail** earlenerussell@utah.gov

**Ordered By** Jean  
**Acct. Exec** mfulz

**Total Amount** \$293.96  
**Payment Amt** \$0.00  
**Amount Due** \$293.96

Tear Sheets	Proofs	Affidavits
0	0	1

**Payment Method**  
**Confirmation Notes:**  
**Text:** Jean

**PO Number** UIC-390

Ad Type	Ad Size	Color
Legal Liner	2.0 X 86 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	04/14/2012	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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API 43-013-32821

Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944

Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884

Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900

Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589

Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652

Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33162

Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148

Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085

Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340

Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
753810

UPAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 10, 2012

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 4/12/2012 12:15 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

---

On 4/10/2012 1:40 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:  
Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Hello. It will be in the April 17th edition.  
Thank you,  
Cindy



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

April 10, 2012

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315890000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2012		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The subject well has been converted from a producing oil well to an injection well on 08/20/2012. New intervals perforated, B1 sands - 5105-5108' 3 JSPF, B2 sands - 5146-5149' 3 JSPF, B.5 sands - 5073-5076' 3 JSPF, C sands - 5019-5022' 3 JSPF, & D3 sands - 4955-4956' 3 JSPF. On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was an State representative available to witness the test - Chris Jensen.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          August 24, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/22/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Chris Jensen Date 8/21/12 Time 11:00 am pm  
Test Conducted by: Dale Giles  
Others Present: \_\_\_\_\_

Well: West Point 3-6X-9-16

Field: Monument Butte

Well Location: NWSE, 6, T9S, R16E

API No: 4301331589

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1120</u>	psig
5	<u>1120</u>	psig
10	<u>1120</u>	psig
15	<u>1120</u>	psig
20	<u>1120</u>	psig
25	<u>1120</u>	psig
30 min	<u>1120</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 300 psig

Result:

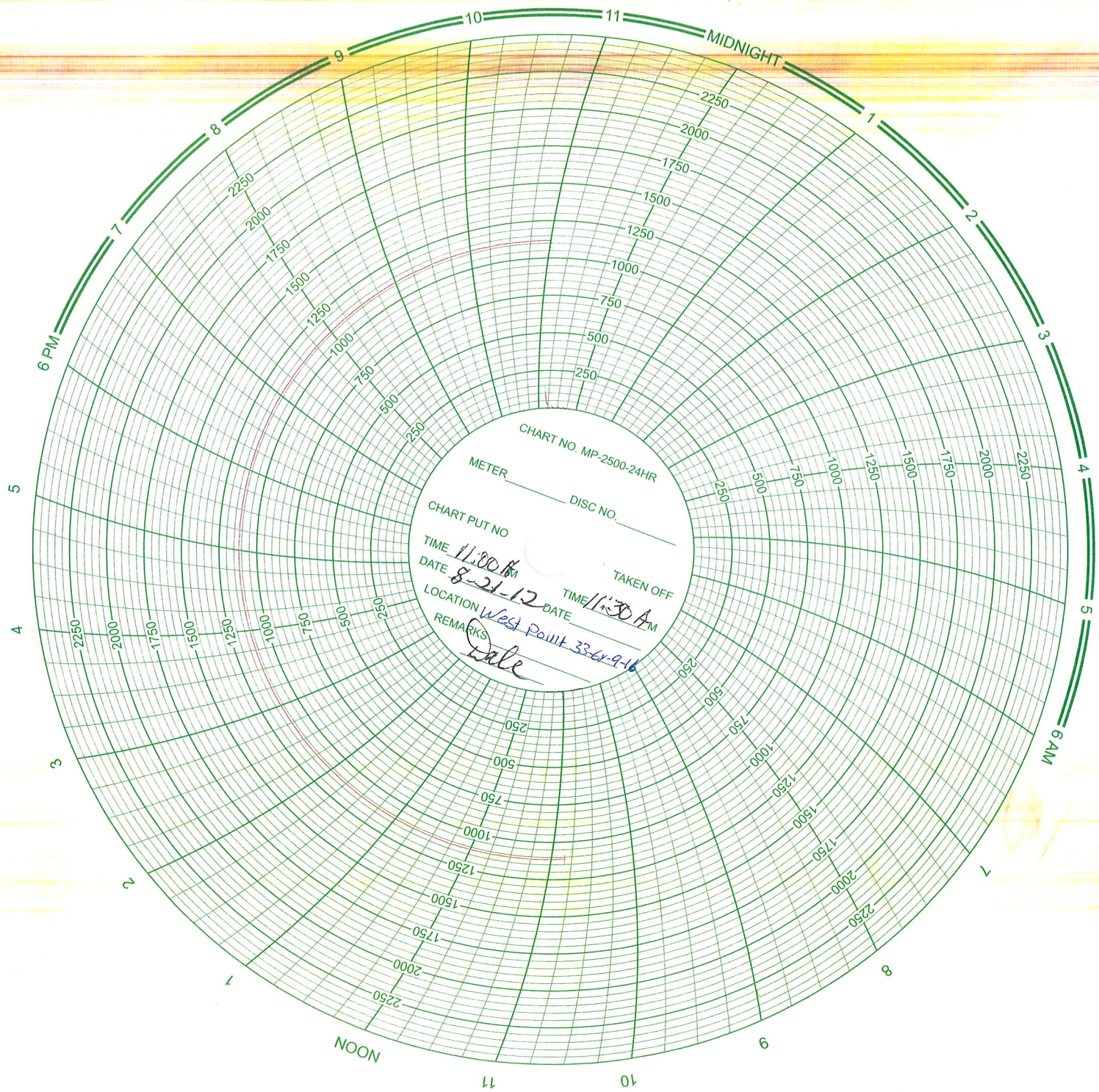
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_







## Daily Activity Report

Format For Sundry

**MON 33-6Y-9-16**

**6/1/2012 To 10/30/2012**

**8/14/2012 Day: 1**

**Conversion**

WWS #7 on 8/14/2012 - MIRUSU, Pooh w/ rods change over to tbg. Equip. rls TAC - R/D move from R-6-9-16, MIRUSU - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Hold pre job safety meeting, review JSA's - R/D move from R-6-9-16, MIRUSU - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls, - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Change over to tbg. Equip. rls TAC R/U work floor and prep. To Pooh in AM SWIFN - Hold pre job safety meeting, review JSA's - Hold pre job safety meeting, review JSA's - R/D move from R-6-9-16, MIRUSU - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls, - Bleed well dwn. - Unseat pump flush w/ 40 bbls reseal & pres. Test to 3000# (good) - Pooh w/ rod string L/D as follows-1 1/2x 30' Polish rod,99-4per-3/4"-68 slk 3/4"- 58-4per 3/4"- 6-1 1/2 wt. bars & RHAC pump - Pump 60 bbls htd. wtr. Dwn csg. Well pres. Up to 1500# after pumping 20 bbls,

**Daily Cost:** \$0

**Cumulative Cost:** \$7,115

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**8/15/2012 Day: 2**

**Conversion**

WWS #7 on 8/15/2012 - POOH w/tbg, RT bit & scraper - SITP 0, SICP 0. TOOH taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Crew travel & safety meeting: communication - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - TOOH w/80 jts 2 7/8" N-80 tbg. SDFN - Crew travel to WWS safety meeting - Crew travel & safety meeting: communication - SITP 0, SICP 0. TOOH taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - TOOH w/80 jts 2 7/8" N-80 tbg. SDFN - Crew travel to WWS safety meeting - Crew travel & safety meeting: communication - SITP 0, SICP 0. TOOH taling tbg, breaking, inspecting & green doping every connection w/140 jts 2 7/8" J-55 tbg, LD 45 jts, TAC, 1 jt, SN, 1 jt, NC - Seat on bottom jts, TAC missing springs, flushed 1 more time w/45 BW - Spot in trailer w/work string, tally & prep tbg, eat lunch - PU & RIH w/4 3/4" mill, 5 1/2" csg scraper, 2 7/8" SN, 192 jts 2 7/8" N-80 tbg, tag fill @ 5999', 37' of fill on PBTD - Crew break - Crew travel to WWS safety meeting - TOOH w/80 jts 2 7/8" N-80 tbg. SDFN

**Daily Cost:** \$0

**Cumulative Cost:** \$14,315

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**8/16/2012 Day: 4**

**Conversion**

WWS #7 on 8/16/2012 - RU Frac crew & Frac B-2 sds, B-1 sds & B-.5 sds. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release



tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOH w/tbg & LD scraper. - Continue TOOH w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Open well, Break & Frac B-.5 sds w/ 9597# of 20/40 sand w/ 151 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug



@ 5090' Set pkr @ 5034' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5090' Set pkr @ 5034' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Open well, Break & Frac B-1 sds w/ 5285# of 20/40 sand w/ 106 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Release PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOH w. tbg & tools. Get out of hole w/ tbg. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOH w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extreme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOH w/tbg & LD scraper. - Continue TOOH w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. - Rig Crew Travel. - Rig Crew Travel. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOH. Set plug @ 5048' Set pkr @ 5003'. Shut well in. SDFN - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 150 bbls fluid. - RU flow back equipment. 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plug. Release tools & TOOH. Set plug @ 5135' Set pkr @ 5085' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 50 bbls fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - Open well, Break & Frac B-2 sds w/ 15529# of 20/40 sand w/ 237 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Rig crew travel to location. - Rig crew travel to location. - Crew travel - Crew travel - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - MU new set of tools. TIH w/ tbg. Set plug @ 5185'. Set PKR @ 5128'. Pressure test tools to 1000 psi. Good test. Release PKR. SDFN - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOOh w. tbg & tools. Get out of hole w/ tbg. - Relaes PKR. Latch onto & release RBP. Could not get tools to go down hole. Work tools for 1.5 hrs. Could not get plug to go down hole. TOOOh w. tbg & tools. Get out of hole w/ tbg. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOOh w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - Set PLUG @ 5135' SET pkr @ 5070'. Attempt to break down B1 sds @ (5105'-08'). Could not get break. Release tools. TOOOh w/ tbg. Set plug @ 5100' & PKR @ 5040'. Break down B.5 sds @ (5073'-76') @ 4700 psi. - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - MU & TIH w/ 5 1/2" Weatherford plug & pkr. Set plug @ 5185', Set PKR @ 5110', Fill csg. RU hot oil trk. Break down zone B2 sds @ (5146'-49'), break @ 3950 psi. Release tools - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - RU Extereme WLT. RIH w/wire line & perforate B2 snd @ (5146'-49') & B1 snd @ (5105'-08'), B.5 snd @ (5073'-76'), C sds @ (5119'-22'), & D3 sds @ (4955'-56'). POOH w/ wire line. RD WLT. - Continue TOOOh w/tbg & LD scraper. - Continue TOOOh w/tbg & LD scraper. - Crew travel & pre job safety meeting. - Crew travel & pre job safety meeting. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,136

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## 8/17/2012 Day: 5

## Conversion

WWS #7 on 8/17/2012 - Frac C-Sands & D-3 Sands, TOOOh LD N-80 tbg. MU RIH w/ conversion pkr. - TOOOh LD 191-jts 2 7/8" N-80 tbg & tools. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOOh. Set plug @ 4990' Set pkr @ 5003.' - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLS - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools - TOOOh LD 191-jts 2 7/8" N-80 tbg & tools. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide, 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8" x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - Crew Travel. - Crew Travel - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOOh. Set plug @ 4990' Set pkr @ 5003.' - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - RU flow back equipment. Open



well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLS - Crew Travel. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide , 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8" x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - TOOHD LD 191-jts 2 7/8" N-80 tbg & tools. - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 90 bbls fluid. Pumped total of 1364 bbls in all stages. Recover 550 total bbls. END WATER 814 BBLS - Open well, Break & Frac D-3 sds w/ 21862# of 20/40 sand w/ 249 bbls lightning 17 treating fluid. - Release pkr & reverse tbg clean. TIH & circulate sand off plug. Release tools & TOOHD. Set plug @ 4990' Set pkr @ 5003.' - RU flow back equipment. Open well to tank w/immediate flow back to tank @ approx 3 bbls per minute. Recover 110 bbls fluid. - Open well, Break & Frac C- sds w/ 11984# of 20/40 sand w/ 163 bbls lightning 17 treating fluid. - RU BJ frac crew. Have safety meeting & pressure test frac equipment. - Crew Travel - Crew Travel. - MU & RIH w/ BHA as follows: 2 3/8" wire line re-entry guide , 1.875 "XN" nipple, 4' x 2 3/8" tbg sub, 2 3/8" x 2 7/8" x-over, 5 1/2" x 2 7/8" AS1X pkr w/ 1.875 "X" seal nipple, 2 7/8" on/off tool, 2 7/8" PSN, & 60 jts. 2 7/8" j-55 tbg. SWI. SDFW - Crew Travel - Release pkr circulate tbg clean. TIH circulate sand off plug. Release tools **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$144,859

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**8/20/2012 Day: 6****Conversion**

WWS #7 on 8/20/2012 - TIH W/ tbg & PKR. Land & test well. - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RD rig & load out equip. RDMO - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - Crew Travel & Safety Meeting - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RIH w/ sand line & retrieve std valve. POOH w/ sand line. - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - RD rig & load out equip. RDMO - Crew Travel & Safety Meeting - RIH w/ sand line & retrieve std valve. POOH w/ sand line. - RU pump mix & pump 60 bbls pkr fluid & circulate down csg. RD work floor, ND BOP, Set 5 1/2" AS1X pkr @ 4345' w/ 18000# tension. SN @ 4339', XN nipple @ 4354', EOT @ 4355'. NU B-2 adapter flange & land tbg. RU Hot oil trk & test csg to 1500 psi. Good Test. ( 1.5 hrs. to get test ) - RD rig & load out equip. RDMO - Crew Travel & Safety Meeting - SITP 400 psi. SICP 250 psi. Circulate 60 bbls down tbg. Continue TIH w/ 80-jts 2 7/8" j-55 tbg. Drop std valve & pump to seat w/ 25 bbls. Test tbg to 3000 psi. Good Test. ( 1 hr. to get test ) - RIH w/ sand line & retrieve std valve. POOH w/ sand line. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$164,062

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**8/22/2012 Day: 7****Conversion**

Rigless on 8/22/2012 - Conduct initial MIT - On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On

08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/21/2012 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$245,832

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**Pertinent Files:** [Go to File List](#)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																									
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390																									
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  																									
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)																									
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y																									
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315890000																									
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE																									
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>COUNTY:</b> DUCHESNE																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">TYPE OF SUBMISSION</th> <th colspan="4">TYPE OF ACTION</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> NOTICE OF INTENT            Approximate date work will start:         </td> <td style="vertical-align: top;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input checked="" type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="vertical-align: top;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input checked="" type="checkbox"/> OTHER         </td> <td style="vertical-align: top;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input checked="" type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION         </td> <td style="vertical-align: top;">           OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/> </td> </tr> <tr> <td style="vertical-align: top;"> <input checked="" type="checkbox"/> SUBSEQUENT REPORT            Date of Work Completion:            11/6/2012         </td> <td colspan="4"></td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> SPUD REPORT            Date of Spud:         </td> <td colspan="4"></td> </tr> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> DRILLING REPORT            Report Date:         </td> <td colspan="4"></td> </tr> </tbody> </table>			TYPE OF SUBMISSION	TYPE OF ACTION				<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2012					<input type="checkbox"/> SPUD REPORT Date of Spud:					<input type="checkbox"/> DRILLING REPORT Report Date:				
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 2:45 PM on            11/06/2012.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> November 13, 2012   <b>By:</b> </div> </div>																											
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874																									
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician																									
<b>DATE</b> 11/7/2012																											

Spud Date: 6/4/96

Put on Production: 7/10/96

GL: 5867' KB: 5877

# Monument Federal 33-6-9-16Y

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts (252')

DEPTH LANDED: 262'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, 2% CaCl<sub>2</sub>, 1/4#/sx cello flake

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts (6070')

DEPTH LANDED: 6080'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Super "G", 3% salt, 2% gel, 2#/sx kol-seal, 1/4#/sx cello flake. Tail w/290 sxs 50/50 poz, 2% gel, 1/4#/sx kol-seal.

CEMENT TOP: 226'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 140 jts. (4329.6')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4339.6' KB

ON/OFF TOOL 5-1/2" / J-55 / 6.5# AT: 4340.7'

PACKER: 4342.5'

XO AT: 4349.5

TBG SUB 2-3/8" / J-55 / 4.7# AT: 4350.0'

XN NIPPLE AT: 4354.0'

TOTAL STRING LENGTH: EOT @ 4356' w/ 10' KB

## Injection Wellbore Diagram

Top of cement 226'  
Casing Shoe @ 262'

Packer @ 4342'  
EOT @ 4356'

4406-4412'

4845 - 4853' reperfed

4854 - 4859' reperfed

4955-4956'

4959-4961'

5019-5022'

5073-5076'

5105-5108'

5146-5149'

5256-5260'

5262-5268'

5734-5742'

PBTD @ 6042'

TD @ 6100'

## FRAC JOB

6-26-96	4845'-4859'	12,6600 gal 2% KCL wtr, 37280 lbs 16/30 ss. ATP 2100 psi, ATR 19.4 bpm, screen out w/29,229 lbs ss on formation flow back 110 bbls wtr.
2/27/02		<b>Rod job.</b> Update rod and tubing details.
11/18/04	5734-5742'	<b>Frac CP.5 sands as follows:</b> 24,608#'s 20/40 sand in 239 bbls Lightning Frac 17 fluid. Treated @ ave press of 3381 w/avg rate of 14.4 BPM. ISIP 1880 psi. Calc flush: 5732 gal. Actual flush: 1374 gal.
11/19/04	5256-5268'	<b>Frac A1 sands as follows:</b> 4,500#'s (designed for 20,000#) 20/40 sand in 80 bbls Lightning Frac 17 fluid. Treated @ ave press of 3600 w/avg rate of 14.4 BPM. ISIP 7850 psi. Screen out.
11/19/04	4845-4859'	<b>Frac D1 sands as follows:</b> 50,151#'s 20/40 sand in 405 bbls Lightning Frac 17 fluid. Treated @ ave press of 5630 w/avg rate of 13.8 BPM. ISIP 5560 psi. Screened out.
11/22/04	4406-4412'	<b>Frac GB6 sands as follows:</b> 19,962#'s 20/40 sand in 240 bbls Lightning Frac 17 fluid. Treated @ ave press of 2396 w/avg rate of 24.4 BPM. ISIP 1840 psi. Calc flush: 4404 gal. Actual flush: 3481 gal.
9-17-08		<b>Stuck pump.</b> Updated rod & tubing details.
1/31/12		<b>Parted rods:</b> Updated rod & tubing detail.
08/16/12	5146-5149'	<b>Frac B2 sands as follows:</b> 15528#'s 20/40 sand in 237 bbls Lightning Frac 17 fluid.
08/16/12	5105-5108'	<b>Frac B1 sands as follows:</b> 5285#'s 20/40 sand in 206 bbls Lightning Frac 17 fluid.
08/16/12	5073-5076'	<b>Frac B.5 sands as follows:</b> 9597#'s 20/40 sand in 152 bbls Lightning Frac 17 fluid.
08/17/12 20/40	5019-5022'	<b>Frac C sands as follows:</b> 11984#'s sand in 163 bbls Lightning Frac 17 fluid.
08/17/12 20/40	4955-4956'	<b>Frac D3 sands as follows:</b> 21862#'s sand in 249 bbls Lightning Frac 17 fluid
08/20/12		<b>Convert to Injection Well</b>
08/21/12		<b>Conversion MIT Finalized</b> – update tbg detail

## PERFORATION RECORD

6/25/96	4845'-4853'	4 JSPF	32 holes
6/25/96	4854'-4859'	4 SPF	20 holes
11/17/04	5734-5742'	4 JSPF	32 holes
11/17/04	5262-5268'	4 JSPF	24 holes
11/17/04	5256-5260'	4 JSPF	16 holes
11/17/04	4854-4859'	4 JSPF	20 holes (reperfed)
11/17/04	4845-4853'	4 JSPF	32 holes (reperfed)
11/17/04	4406-4412'	4 JSPF	24 holes
08/16/12	5146-5149'	3 JSPF	9 holes
08/16/12	5105-5108'	3 JSPF	9 holes
08/16/12	5073-5076'	3 JSPF	9 holes
08/16/12	5019-5022'	3 JSPF	9 holes
08/16/12	4955-4956'	3 JSPF	3 holes

**NEWFIELD**

**Monument Federal 33-6-9-16Y**

1850' FSL & 1850' FEL

NW/SE Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31589; Lease #UTU-74390



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

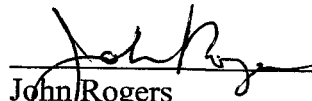
Cause No. UIC-390

**Operator:** Newfield Production Company  
**Well:** Monument Federal 33-6-9-16Y  
**Location:** Section 6, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31589  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 9, 2012.
2. Maximum Allowable Injection Pressure: 1,811 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,148' – 6,042')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

11-5-2012  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAOne

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	4/16/2012

ACCOUNT NAME
DIV OF OIL-GAS & MINING,

TELEPHONE	ADORDER# / INVOICE
8015385340	0000783810 /

SCHEDULE
Start 04/14/2012 End 04/14/2012

CUST. REF. NO.
UIC-390

CAPTION
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NA

SIZE
86 Lines 2.00 COLUMNS

TIMES	RATE
4	

MISC. CHARGES	AD CHARGE

TOTAL COST
293.96

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
API 43-013-32830
- Ashley Federal 10-24-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-15781
- Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32821
- Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944
- Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884
- Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900

Monument Federal 33-6-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589

Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652

Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33162

Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148

Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085

Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340

Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
s/ Brad Hill  
Permitting Manager  
783810

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, CAUSE NO. UIC-390 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLISHED IN UTAHLEGALS.COM INDEFINITELY.

Start 04/14/2012 End 04/14/2012

PUBLISHED ON

SIGNATURE

*[Signature]*

4/16/2012

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581468  
My Commission Expires  
January 12 2014

*[Signature]*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT

2250/REB/CGUICADMIN/6F12/6131

Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066

Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number	Invoice Date
29586	4/17/2012

Advertiser No.	Invoice Amount	Due Date
2080	\$161.05	5/17/2012

DIVISION OF OIL GAS & MINING  
 Rose Nolton  
 1594 W. N. TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

RECEIVED  
 APR 20 2012  
 DIV. OF OIL, GAS & MINING

1 1/2% fee will be charged to all  
 past due balances.

**Amount Enclosed**

Please detach top portion and return with your payment.

**INVOICE**

Uintah Basin Standard			DIVISION OF OIL GAS & MINING			Invoice No. 29586		4/17/2012	
Date	Order	Description		Ad Size	SubTotal	Sales Tax	Amount		
4/17/2012	14839	UBS	UBS Legal Notice: Notice of Agency Action: Newfield UIC 390 Pub. April 17, 2012					\$161.05	
							Sub Total:	\$161.05	
							Total Transactions: 1	Total:	\$161.05

**SUMMARY**      Advertiser No.    2080      Invoice No.            29586

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

2250/REB/GG-UICADMIN/GF12/6131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of April, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of April, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

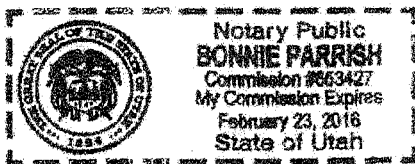
Kevin Ashby  
Publisher

Subscribed and sworn to before me on this

18 day of April, 20 12

by Kevin Ashby.

Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

BEFORE THE DI-  
VISION OF OIL, GAS  
AND MINING, DE-  
PARTMENT OF NAT-  
URAL RESOURCES,  
STATE OF UTAH.

IN THE MATTER  
OF THE APPLICA-  
TION OF NEW-  
FIELD PRODUCTION  
COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED  
IN THE ABOVE EN-

Favorite  
Antique  
Appliance  
Book

Barber  
Chiropr  
Dent  
Eyes  
Family P  
Fitness  
Hair S

Favo

NOMINAT

IN FREE

FRS

19, Township 9 South,  
Range 16 East  
API 43-013-33162  
Federal 13-22-9-  
16 well located in  
SW/4 SW/4, Section  
22, Township 9 South,  
Range 16 East

API 43-013-33148  
Federal 7-24-9-16  
well located in SW/4  
NE/4, Section 24,  
Township 9 South,  
Range 16 East

API 43-013-33085  
Federal 11-24-9-  
16 well located in  
NE/4 SW/4, Section  
24, Township 9 South,  
Range 16 East

API 43-013-33340  
Federal 3-27-9-16  
well located in NE/4  
NW/4, Section 27,  
Township 9 South,  
Range 16 East

API 43-013-33352  
The proceeding will  
be conducted in ac-  
cordance with Utah  
Admin. R649-10, Ad-  
ministrative Proce-  
dures.

Selected zones in the  
Green River Formation  
will be used for water  
injection. The maxi-  
mum requested injec-  
tion pressures and rates  
will be determined  
based on fracture gra-  
dient information sub-  
mitted by Newfield  
Production Company.

Any person desir-  
ing to object to the  
application or oth-  
erwise intervene in  
the proceeding, must  
file a written protest  
or notice of interven-  
tion with the Division  
within fifteen days  
following publication  
of this notice. The Di-  
vision's Presiding Of-  
ficer for the proceeding  
is Brad Hill, Permitting  
Manager, at P.O. Box  
145801, Salt Lake City,  
UT 84114-5801, phone

ON TO

uinta

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390			
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315890000			
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>COUNTY:</b> DUCHESNE			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/25/2013  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Squeeze Job"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield proposes to perform a Polymer Squeeze. Squeeze A Half from 5256' - 5268' to isolate for injection.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> August 09, 2013 <b>By:</b> <u>Derek Quist</u>					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech			
<b>DATE</b> 7/26/2013					

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013315890000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>8/6/2013</b>			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (water isolation with polymer squeeze), attached is a daily status report. On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 13, 2013

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/13/2013



# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 8/16/13 Time 11:00 am pm  
Test Conducted by: Kevin Purcell  
Others Present: \_\_\_\_\_

Well: Mon, Fed. 33-6-4-161

Field: Monument Bench

Well Location: NW/SE Sec. 6, T4S, R16E  
Duchesne County, Utah

API No: 43-013-31589

## Time

## Casing Pressure

0 min	<u>1260</u>	psig
5		psig
10		psig
15		psig
20		psig
25		psig
30 min	<u>1260</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 940 psig

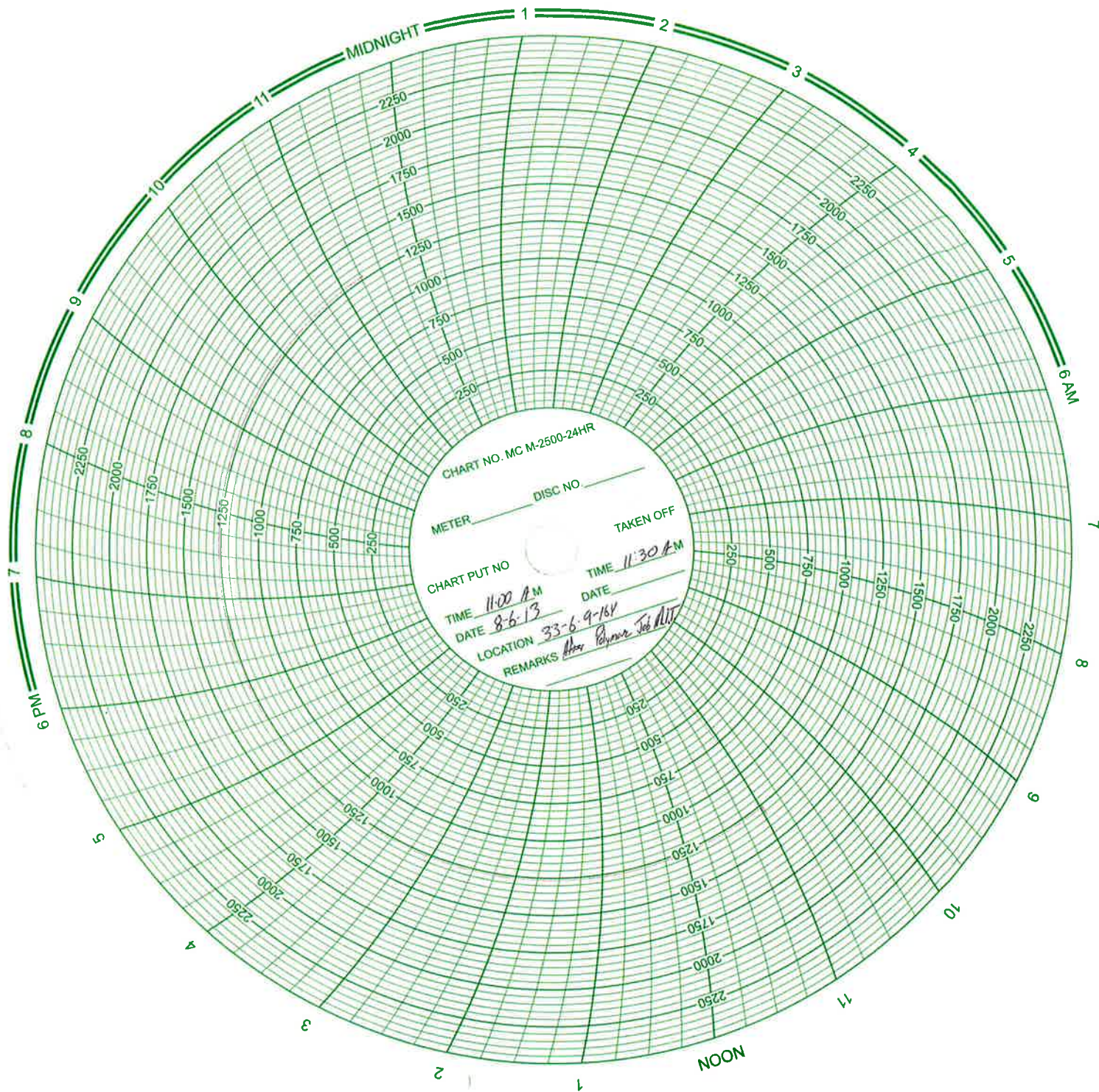
Result:

Pass

Fail

Signature of Witness:

Signature of Person Conducting Test:





## Daily Activity Report

Format For Sundry

MON 33-6Y-9-16

5/1/2013 To 9/30/2013

7/29/2013 Day: 1

Water Isolation

Basic # 1629 on 7/29/2013 - r.i.h. with plug and packer set plug @ 5310' set packer at 5280 test to 1500 hold for 15 minutes 100% - 5:00-6:00 crew travel and safety meeting 6:00-7:00 flow well to tank 7:00-8:00 drop standing valve test tubing to 1500 p.s.i. retrieve standing valve 8:00-9:00 nipple down well head nipple up b.o.p. rig up floor release packer 9:00-11:00 p.o.o.h. lay down packer 11:00-1:30 r.i.h. with plug and packer set plug @ 5310' set packer at 5280 test to 1500 hold for 15 minutes 100% 1:30-2:00 release packer p.o.o.h. to 5203' 2:00-3:00 rig down floor nipple down wellhead set paker 15k in compression nipple up well head 3:00-4:00 rig down load trucks and trailers - 5:00-6:00 crew travel and safety meeting 6:00-7:00 flow well to tank 7:00-8:00 drop standing valve test tubing to 1500 p.s.i. retrieve standing valve 8:00-9:00 nipple down well head nipple up b.o.p. rig up floor release packer 9:00-11:00 p.o.o.h. lay down packer 11:00-1:30 r.i.h. with plug and packer set plug @ 5310' set packer at 5280 test to 1500 hold for 15 minutes 100% 1:30-2:00 release packer p.o.o.h. to 5203' 2:00-3:00 rig down floor nipple down wellhead set paker 15k in compression nipple up well head 3:00-4:00 rig down load trucks and trailers - 5:00-6:00 crew travel and safety meeting 6:00-7:00 flow well to tank 7:00-8:00 drop standing valve test tubing to 1500 p.s.i. retrieve standing valve 8:00-9:00 nipple down well head nipple up b.o.p. rig up floor release packer 9:00-11:00 p.o.o.h. lay down packer 11:00-1:30 r.i.h. with plug and packer set plug @ 5310' set packer at 5280 test to 1500 hold for 15 minutes 100% 1:30-2:00 release packer p.o.o.h. to 5203' 2:00-3:00 rig down floor nipple down wellhead set paker 15k in compression nipple up well head 3:00-4:00 rig down load trucks and trailers - 5:00-6:00 crew travel and safety meeting 6:00-7:00 flow well to tank 7:00-8:00 drop standing valve test tubing to 1500 p.s.i. retrieve standing valve 8:00-9:00 nipple down well head nipple up b.o.p. rig up floor release packer 9:00-11:00 p.o.o.h. lay down packer 11:00-1:30 r.i.h. with plug and packer set plug @ 5310' set packer at 5280 test to 1500 hold for 15 minutes 100% 1:30-2:00 release packer p.o.o.h. to 5203' 2:00-3:00 rig down floor nipple down wellhead set paker 15k in compression nipple up well head 3:00-4:00 rig down load trucks and trailers **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$25,682

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7/31/2013 Day: 2

Water Isolation

Basic # 1629 on 7/31/2013 - EOGA pumped polymer down well. - EOGA pumped polymer down well. - EOGA pumped polymer down well. - EOGA pumped polymer down well. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$34,782

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8/2/2013 Day: 3

Water Isolation

Basic # 1629 on 8/2/2013 - PU 3 JTS RETRIEVED RBP LD 31 JTS TOO 140 JTS LD HD PKR AND RBP - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM BLEW DOWN WELL 10:00AM TO 11:00AM ND WH RELEASED PKR NU BOPS 11:00AM TO 2:30PM PU 3 JTS RETRIEVED RBP LD 31 JTS TOO 140 JTS LD HD PKR AND RBP 2:30PM TO 4:30PM RIH W/ 1-REENTREYGUIDE, 1-XN NIPPLE, 1-2 3/8" TBG SUB, 1-XO SWEDGE, 1-5 1/2" PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 140 JTS TBG 4:30PM TO 6:00PM DROPPED STANDING VAVLE CHASED W/ 30 BBLS PT TBG TO 3K PSI HELD



100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED STANDING VALVE 6:00PM TO 7:30PM  
RU RIG FLOOR ND BOPS NU INJECTION WH LANDED WELL SIWFN 7:30PM TO 9:00PM CREW  
TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING  
7:15AM TO 10:00AM BLEW DOWN WELL 10:00AM TO 11:00AM ND WH RELEASED PKR NU  
BOPS 11:00AM TO 2:30PM PU 3 JTS RETRIEVED RBP LD 31 JTS TOO H 140 JTS LD HD PKR  
AND RBP 2:30PM TO 4:30PM RIH W/ 1-REENTREYGUIDE, 1-XN NIPPLE, 1-2 3/8" TBG SUB, 1-  
XO SWEDGE, 1-5 1/2" PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 140 JTS TBG  
4:30PM TO 6:00PM DROPPED STANDING VAVLE CHASED W/ 30 BBLS PT TBG TO 3K PSI HELD  
100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED STANDING VALVE 6:00PM TO 7:30PM  
RU RIG FLOOR ND BOPS NU INJECTION WH LANDED WELL SIWFN 7:30PM TO 9:00PM CREW  
TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING  
7:15AM TO 10:00AM BLEW DOWN WELL 10:00AM TO 11:00AM ND WH RELEASED PKR NU  
BOPS 11:00AM TO 2:30PM PU 3 JTS RETRIEVED RBP LD 31 JTS TOO H 140 JTS LD HD PKR  
AND RBP 2:30PM TO 4:30PM RIH W/ 1-REENTREYGUIDE, 1-XN NIPPLE, 1-2 3/8" TBG SUB, 1-  
XO SWEDGE, 1-5 1/2" PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 140 JTS TBG  
4:30PM TO 6:00PM DROPPED STANDING VAVLE CHASED W/ 30 BBLS PT TBG TO 3K PSI HELD  
100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED STANDING VALVE 6:00PM TO 7:30PM  
RU RIG FLOOR ND BOPS NU INJECTION WH LANDED WELL SIWFN 7:30PM TO 9:00PM CREW  
TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING  
7:15AM TO 10:00AM BLEW DOWN WELL 10:00AM TO 11:00AM ND WH RELEASED PKR NU  
BOPS 11:00AM TO 2:30PM PU 3 JTS RETRIEVED RBP LD 31 JTS TOO H 140 JTS LD HD PKR  
AND RBP 2:30PM TO 4:30PM RIH W/ 1-REENTREYGUIDE, 1-XN NIPPLE, 1-2 3/8" TBG SUB, 1-  
XO SWEDGE, 1-5 1/2" PKR, 1-RETRIEVING HEAD, 1-2 7/8" SEAT NIPPLE, 140 JTS TBG  
4:30PM TO 6:00PM DROPPED STANDING VAVLE CHASED W/ 30 BBLS PT TBG TO 3K PSI HELD  
100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED STANDING VALVE 6:00PM TO 7:30PM  
RU RIG FLOOR ND BOPS NU INJECTION WH LANDED WELL SIWFN 7:30PM TO 9:00PM CREW  
TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$44,290

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**8/5/2013 Day: 4**

**Water Isolation**

Basic # 1629 on 8/5/2013 - CIRCULATED 50 BBLS PKR FLUID ND INJECTION WH SET PKR W/  
15K TENSION NU INJECTION WH LANDED WH - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM  
TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM FLOWED WELL BACK 10:00AM TO  
11:00AM CIRCULATED 50 BBLS PKR FLUID ND INJECTION WH SET PKR W/ 15K TENSION NU  
INJECTION WH LANDED WH 11:00AM TO 3:30PM TESTED CSG TO 1400 PSI HELD FOR 30MIN  
100% RD RIG MOSL 3:30PM TO 5:00PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL  
7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM FLOWED WELL BACK 10:00AM  
TO 11:00AM CIRCULATED 50 BBLS PKR FLUID ND INJECTION WH SET PKR W/ 15K TENSION  
NU INJECTION WH LANDED WH 11:00AM TO 3:30PM TESTED CSG TO 1400 PSI HELD FOR  
30MIN 100% RD RIG MOSL 3:30PM TO 5:00PM CREW TRAVEL - 5:30AM TO 7:00AM CREW  
TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM FLOWED WELL BACK  
10:00AM TO 11:00AM CIRCULATED 50 BBLS PKR FLUID ND INJECTION WH SET PKR W/ 15K  
TENSION NU INJECTION WH LANDED WH 11:00AM TO 3:30PM TESTED CSG TO 1400 PSI  
HELD FOR 30MIN 100% RD RIG MOSL 3:30PM TO 5:00PM CREW TRAVEL - 5:30AM TO  
7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM  
FLOWED WELL BACK 10:00AM TO 11:00AM CIRCULATED 50 BBLS PKR FLUID ND INJECTION  
WH SET PKR W/ 15K TENSION NU INJECTION WH LANDED WH 11:00AM TO 3:30PM TESTED  
CSG TO 1400 PSI HELD FOR 30MIN 100% RD RIG MOSL 3:30PM TO 5:00PM CREW TRAVEL

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$50,572

**8/8/2013 Day: 5**

**Water Isolation**

Rigless on 8/8/2013 - Conduct MIT - On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$51,472

---

**Pertinent Files: Go to File List**

Spud Date: 6/4/96

Put on Production: 7/10/96

GL: 5867' KB: 5877

## Monument Federal 33-6-9-16Y

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts (252')

DEPTH LANDED: 262'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sks Class "G" cmt, 2% CaCl<sub>2</sub>, 1/4#/sx cello flakePRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 147 jts (6070')

DEPTH LANDED: 6080'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Super "G", 3% salt, 2% gel, 2#/sx kol-seal, 1/4#/sx cello flake. Tail w/290 sks 50/50 poz, 2% gel, 1/4#/sx kol-seal.

CEMENT TOP: 226'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 140 jts (4329.6')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4339.6' KB

ON/OFF TOOL 5-1/2" / J-55 / 6.5# AT: 4340.7'

PACKER: 4342.5'

XO AT: 4349.5

TBG SUB 2-3/8" / J-55 / 4.7# AT: 4350.0'

XN NIPPLE AT: 4354.0'

TOTAL STRING LENGTH: EOT @ 4356' w/ 10' KB

Injection Wellbore  
DiagramTop of cement 226'  
Casing Shoe @ 262'

SN @ 4340'

On Off Tool @ 4341"

Packer @ 4346'

X/N Nipple @ 4354'

EOT @ 4356'

4406-4412'

20/40

08/17/12

4955-4956'

20/40

08/21/12

4845 - 4853' reperfed

08/21/12

4854 - 4859' reperfed

08/21/12

4955-4956'

08/06/13

5256-5260'

08/06/13

5262-5268'

08/06/13

5734-5742'

08/06/13

5105-5108'

08/16/12

5146-5149'

08/16/12

5073-5076'

08/16/12

5019-5022'

08/16/12

4955-4956'

08/06/13

5256-5260'

08/06/13

5262-5268'

08/06/13

5734-5742'

08/06/13

08/06/13

FRAC JOB

6-26-96 4845'-4859'

12,6600 gal 2% KCL wtr,  
37280 lbs 16/30 ss. ATP 2100 psi, ATR  
19.4 bpm, screen out w/29,229 lbs ss  
on formation flow back 110 bbls wtr.

2/27/02

**Rod job.** Update rod and tubing details.

11/18/04 5734-5742'

**Frac CP.5 sands as follows:**24,608#'s 20/40 sand in 239 bbls Lightning  
Frac 17 fluid. Treated @ ave press of 3381  
w/avg rate of 14.4 BPM. ISIP 1880 psi. Calc  
flush: 5732 gal. Actual flush: 1374 gal.

11/19/04 5256-5268'

**Frac A1 sands as follows:** 4,500#'s  
(designed for 20,000#) 20/40 sand in 80  
bbls Lightning Frac 17 fluid. Treated @ ave  
press of 3600 w/avg rate of 14.4 BPM. ISIP  
7850 psi. Screen out.

11/19/04 4845-4859'

**Frac D1 sands as follows:**50,151#'s 20/40 sand in 405 bbls Lightning  
Frac 17 fluid. Treated @ ave press of 5630  
w/avg rate of 13.8 BPM. ISIP 5560 psi.  
Screened out.

11/22/04 4406-4412'

**Frac GB6 sands as follows:** 19,962#'s  
20/40 sand in 240 bbls Lightning Frac 17  
fluid. Treated @ ave press of 2396 w/avg  
rate of 24.4 BPM. ISIP 1840 psi. Calc  
flush: 4404 gal. Actual flush: 3481 gal.

9-17-08

**Stuck pump.** Updated rod & tubing details.

1/31/12

**Parted rods:** Updated rod & tubing detail.

08/16/12 5146-5149'

**Frac B2 sands as follows:** 15528#'s  
20/40 sand in 237 bbls Lightning Frac 17  
fluid.

08/16/12 5105-5108'

**Frac B1 sands as follows:** 5285#'s 20/40  
sand in 206 bbls Lightning Frac 17 fluid.

08/16/12 5073-5076'

**Frac B.5 sands as follows:** 9597#'s 20/40  
sand in 152 bbls Lightning Frac 17 fluid.

08/17/12 5019-5022'

**Frac C sands as follows:** 11984#'s  
sand in 163 bbls Lightning Frac 17 fluid.

08/17/12 4955-4956'

**Frac D3 sands as follows:** 21862#'s  
sand in 249 bbls Lightning Frac 17 fluid.

08/20/12

**Convert to Injection Well**

08/21/12

**Conversion MIT Finalized** - update tbg  
detail

08/06/13 5256-5268'

**Workover MIT Completed** - **Water  
Isolation with Polymer Treatment** -  
update detailsPERFORATION RECORD

Date	Interval	Tool	Holes
6/25/96	4845'-4853'	4 JSPF	32 holes
6/25/96	4854'-4859'	4 SPF	20 holes
11/17/04	5734-5742'	4 JSPF	32 holes
11/17/04	5262-5268'	4 JSPF	24 holes
11/17/04	5256-5260'	4 JSPF	16 holes
11/17/04	4854-4859'	4 JSPF	20 holes (reperfed)
11/17/04	4845-4853'	4 JSPF	32 holes (reperfed)
11/17/04	4406-4412'	4 JSPF	24 holes
08/16/12	5146-5149'	3 JSPF	9 holes
08/16/12	5105-5108'	3 JSPF	9 holes
08/16/12	5073-5076'	3 JSPF	9 holes
08/16/12	5019-5022'	3 JSPF	9 holes
08/16/12	4955-4956'	3 JSPF	3 holes
08/06/13	5256-5260'	Polymer squeeze	
08/06/13	5262-5268'	Polymer squeeze	



## Monument Federal 33-6-9-16Y

1850' FSL & 1850' FEL  
NW/SE Section 6-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31589; Lease #UTU-74390

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-74390
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> MON FED 33-6-9-16Y
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013315890000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 1850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>7/23/2013</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Squeeze Job"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to perform a Polymer Squeeze. Squeeze A Half from 5256' - 5268' to isolate for injection.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** August 26, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/23/2013

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above subject well had workover procedures performed (water isolation with polymer squeeze), attached is a daily status report. On 08/05/2013 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/06/2013 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 940 psig during the test. There was a State representative available to witness the test - Chris Jensen.																																
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> August 13, 2013  Approved by the Utah Division of Oil, Gas and Mining  Date: <u>9/18/2013</u> By: <u>[Signature]</u>																																
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician																														
SIGNATURE N/A	DATE 8/13/2013																															